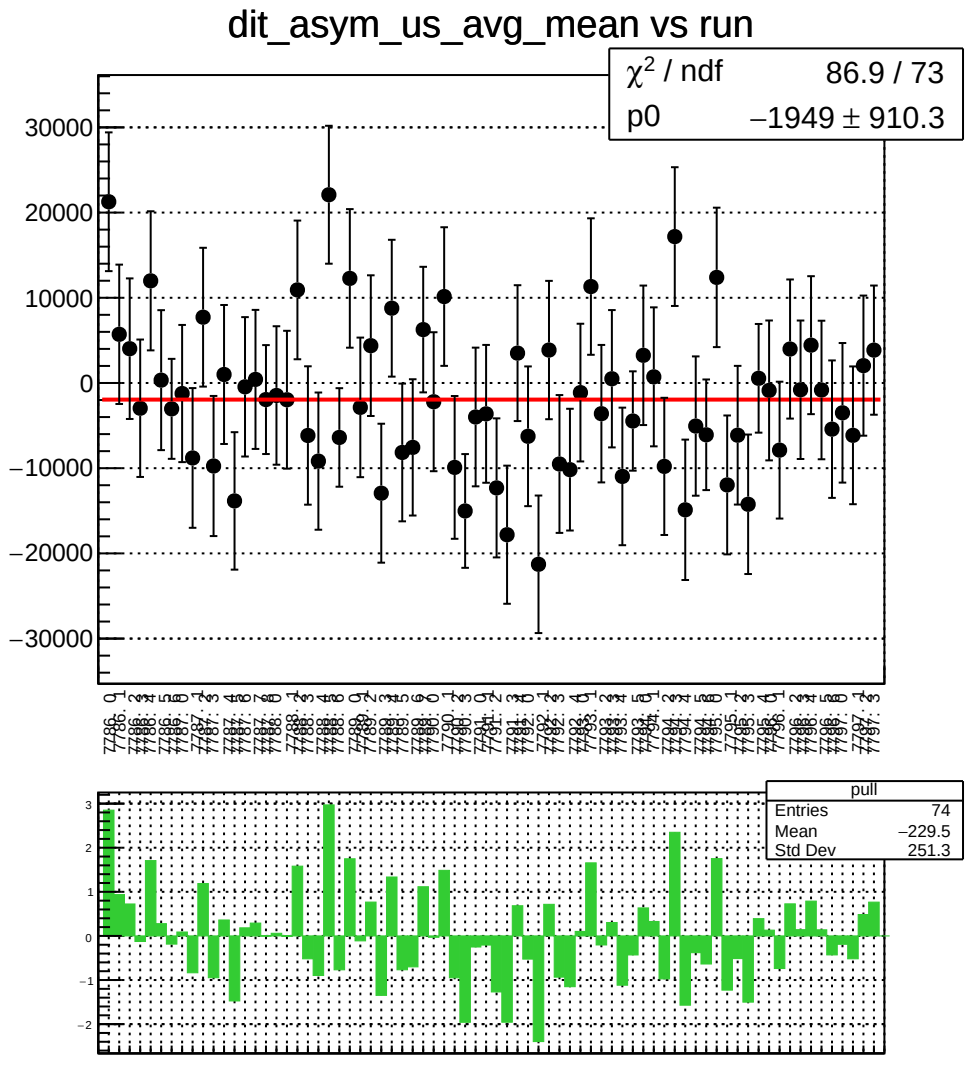
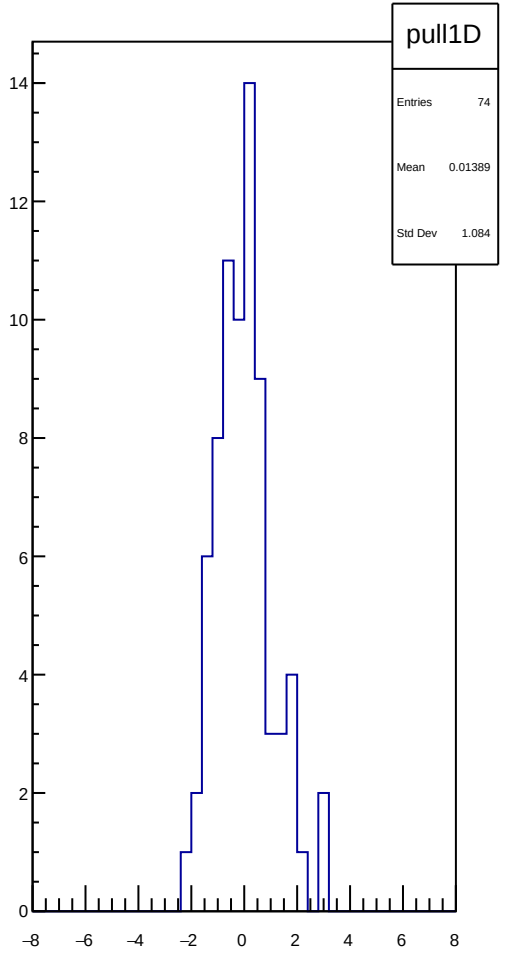
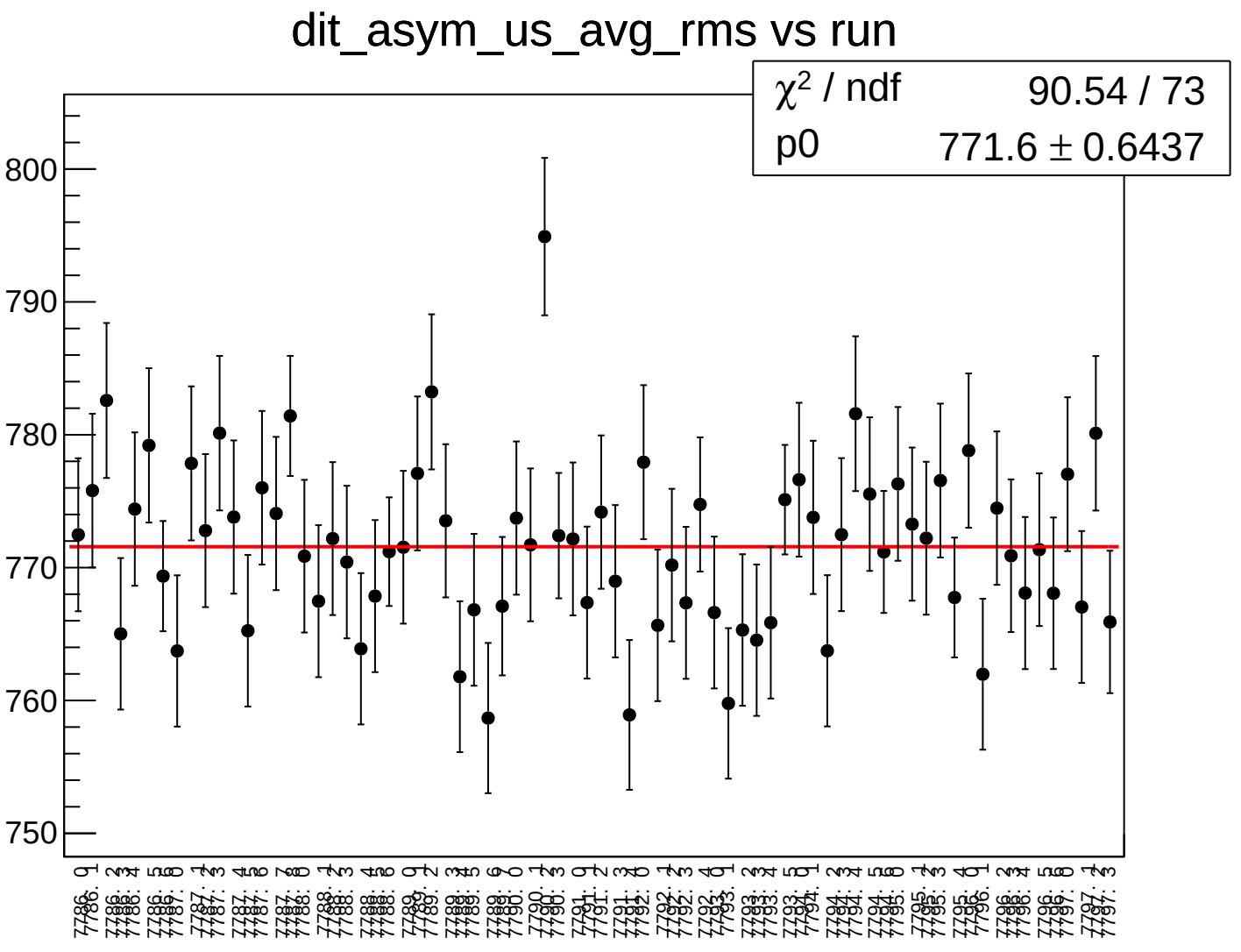
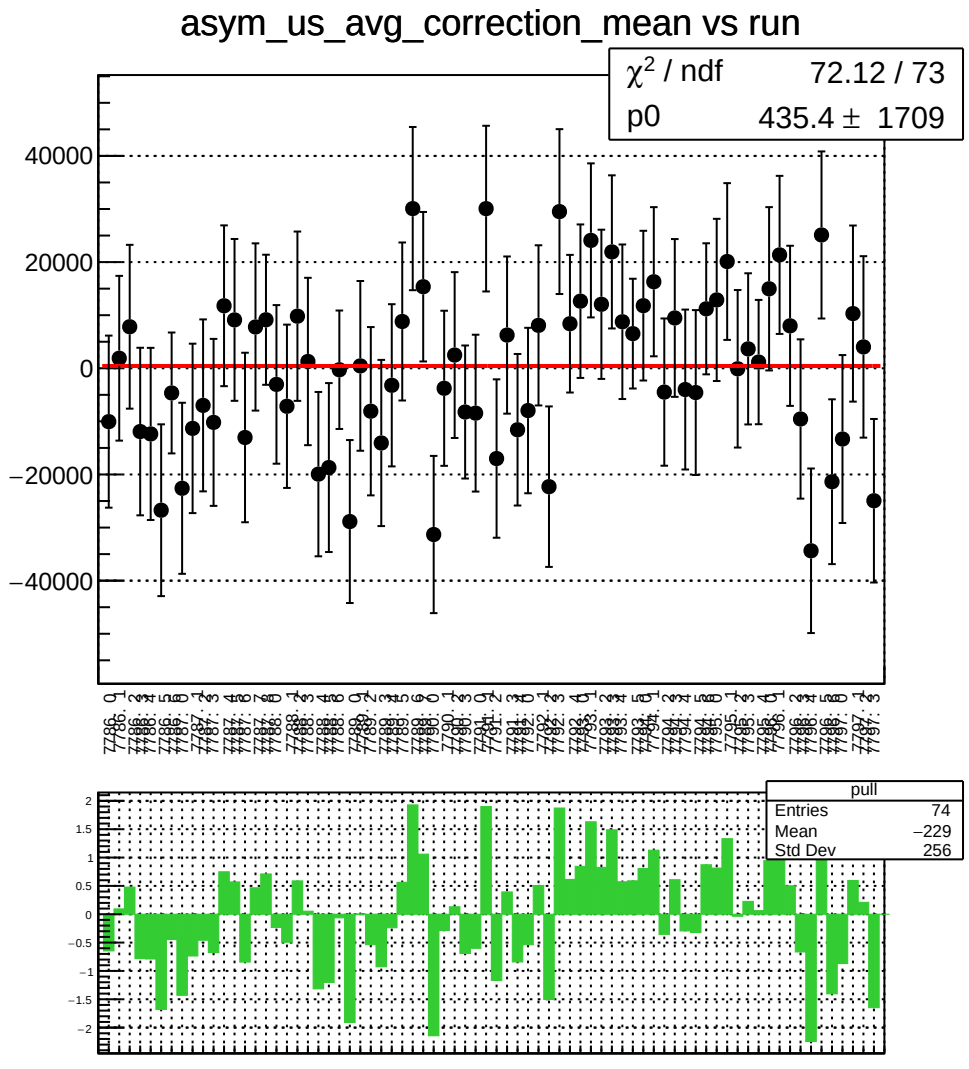
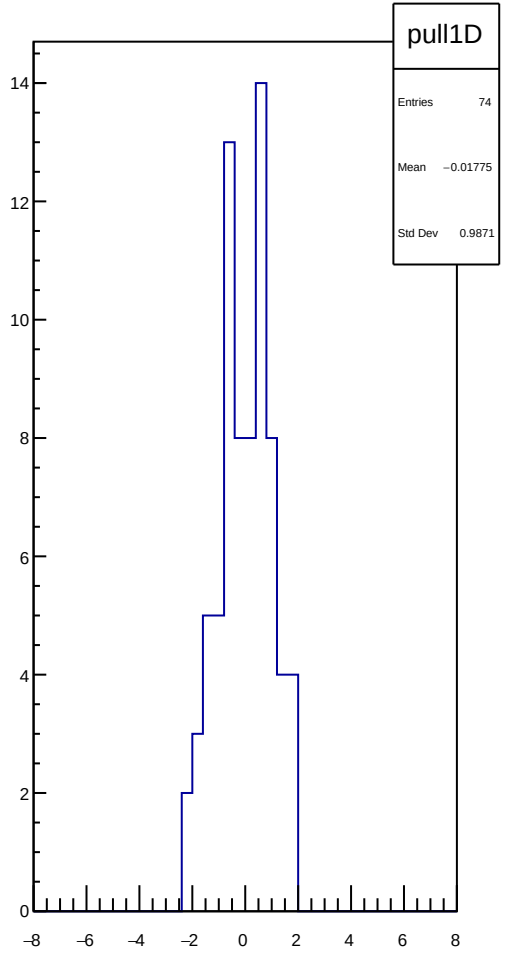
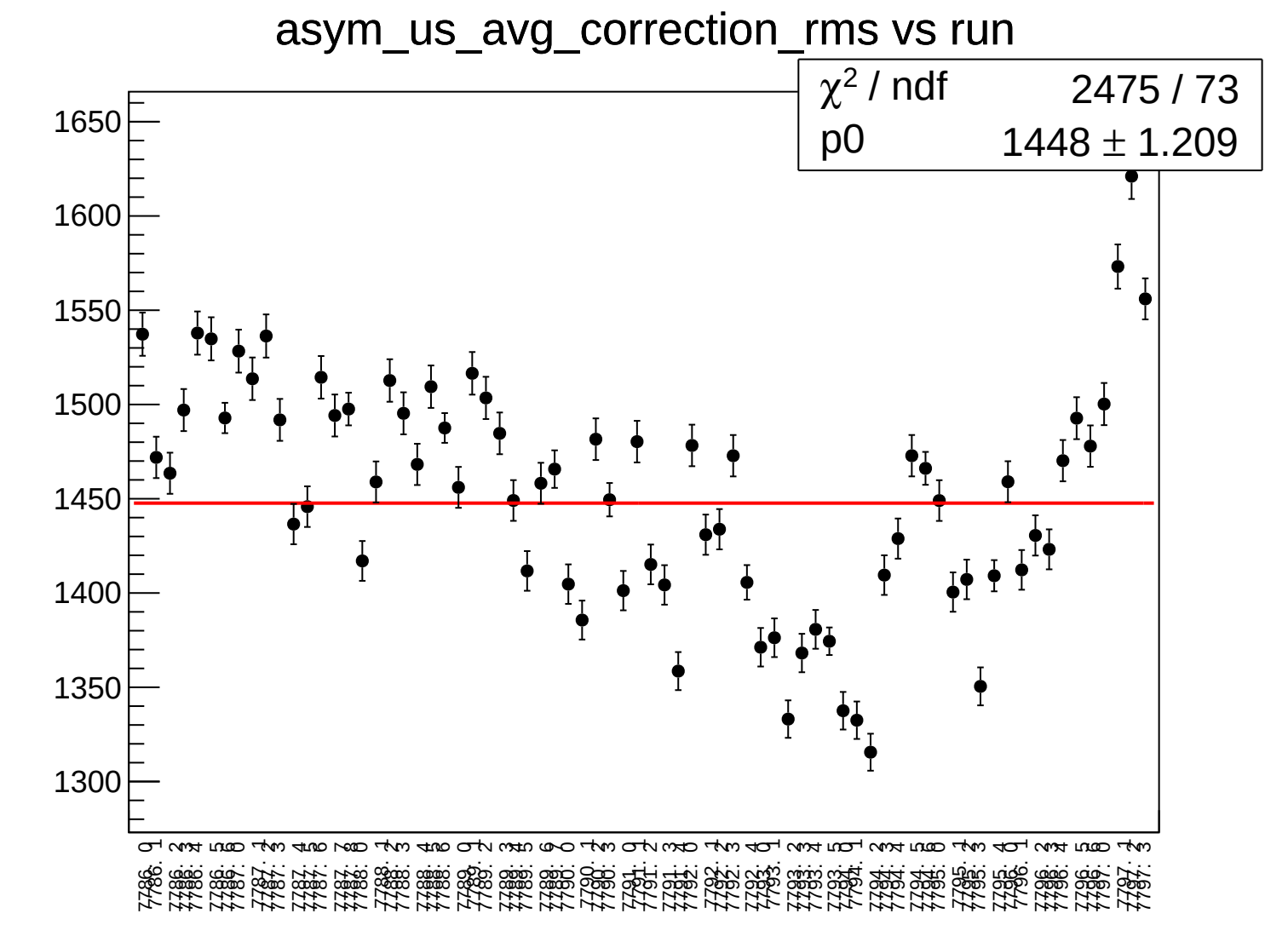

dit_asym_us_avg_mean vs run
χ² / ndf 86.9 / 73
p0 −1949 ± 910.3
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 74
Mean −229.5
Std Dev 251.3
3
2
1
0
−1
−2

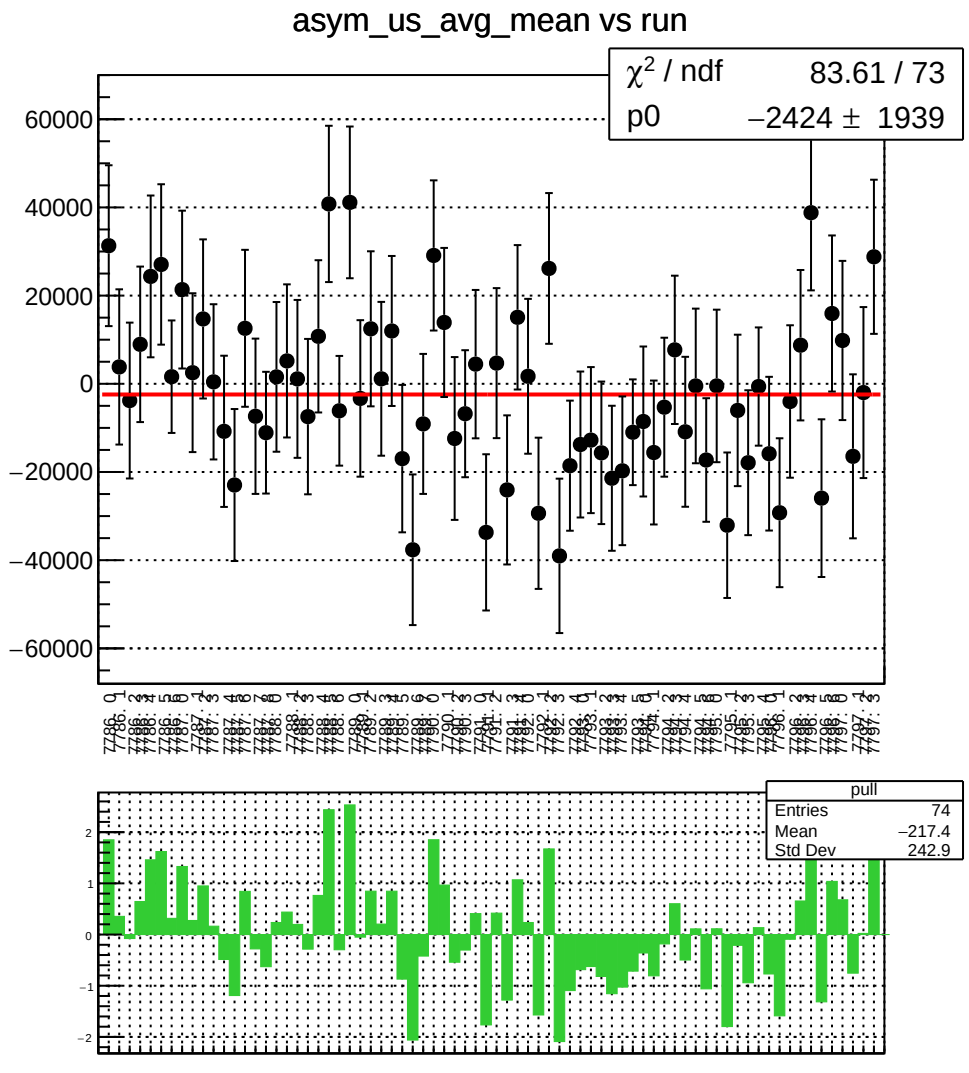

pull1D
Entries 74
Mean 0.01389
Std Dev 1.084
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

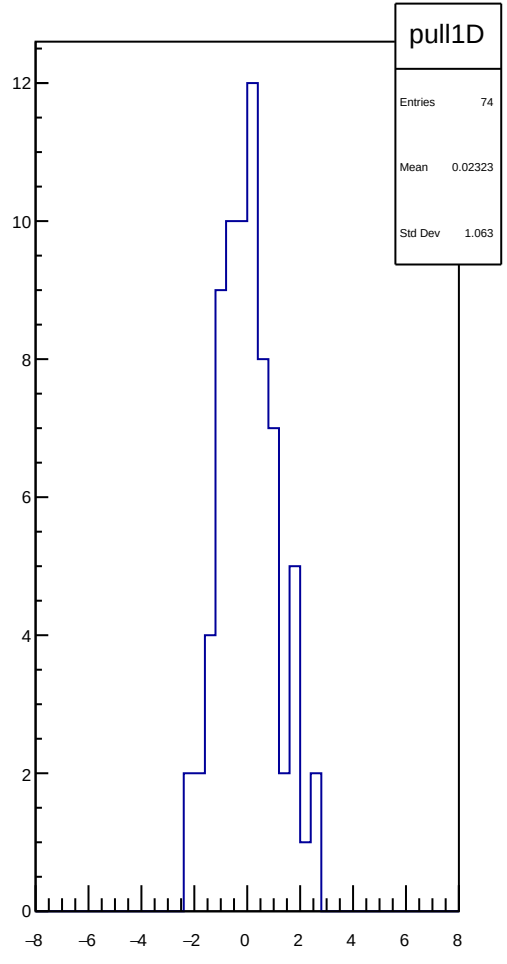

dit_asym_us_avg_rms vs run
χ² / ndf 90.54 / 73
p0 771.6 ± 0.6437
800
790
780
770
760
750

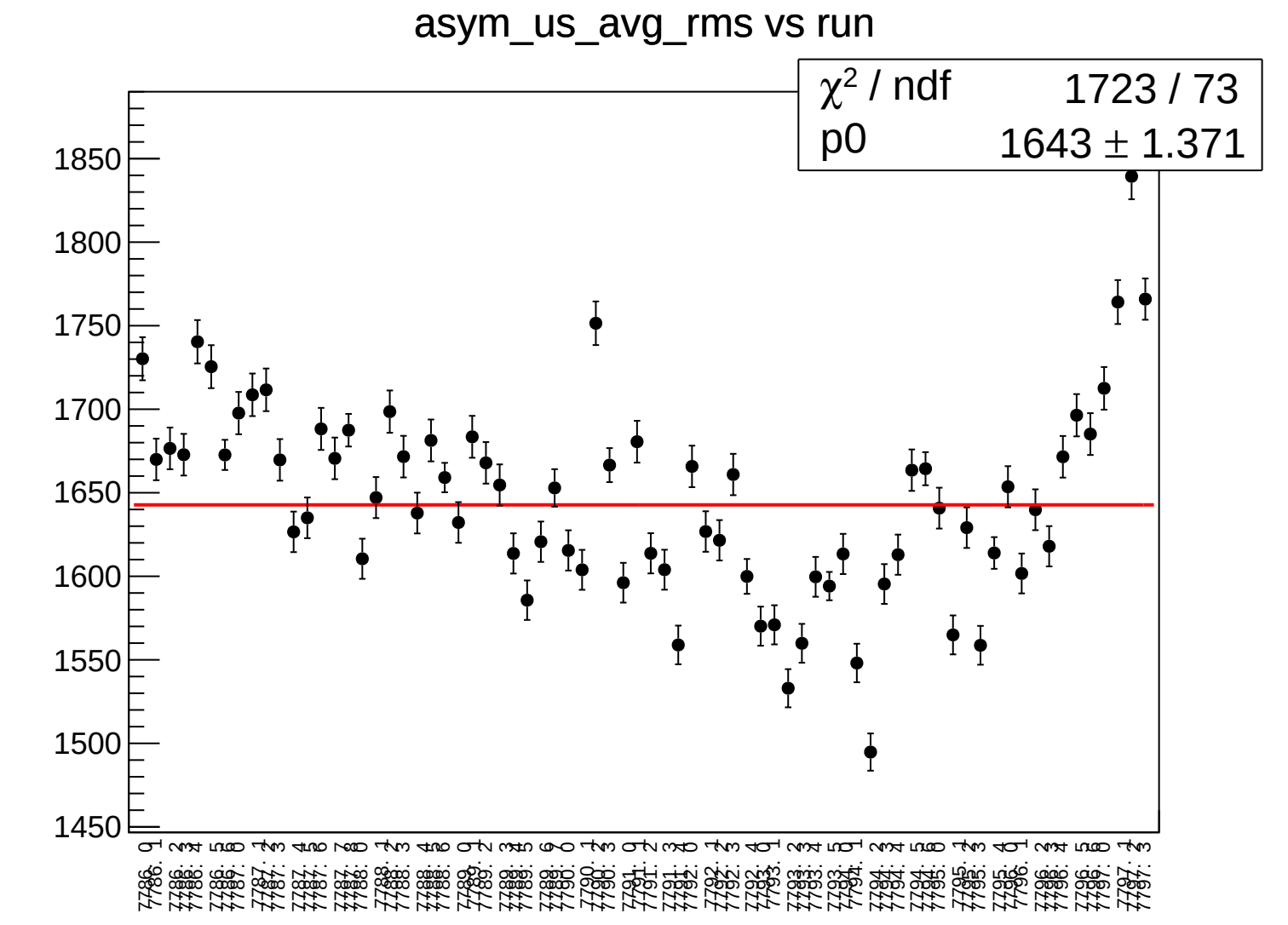

asym_us_avg_correction_mean vs run
χ² / ndf 72.12 / 73
p0 435.4 ± 1709
40000
20000
0
−20000
−40000
pull
Entries 74
Mean −229
Std Dev 256
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

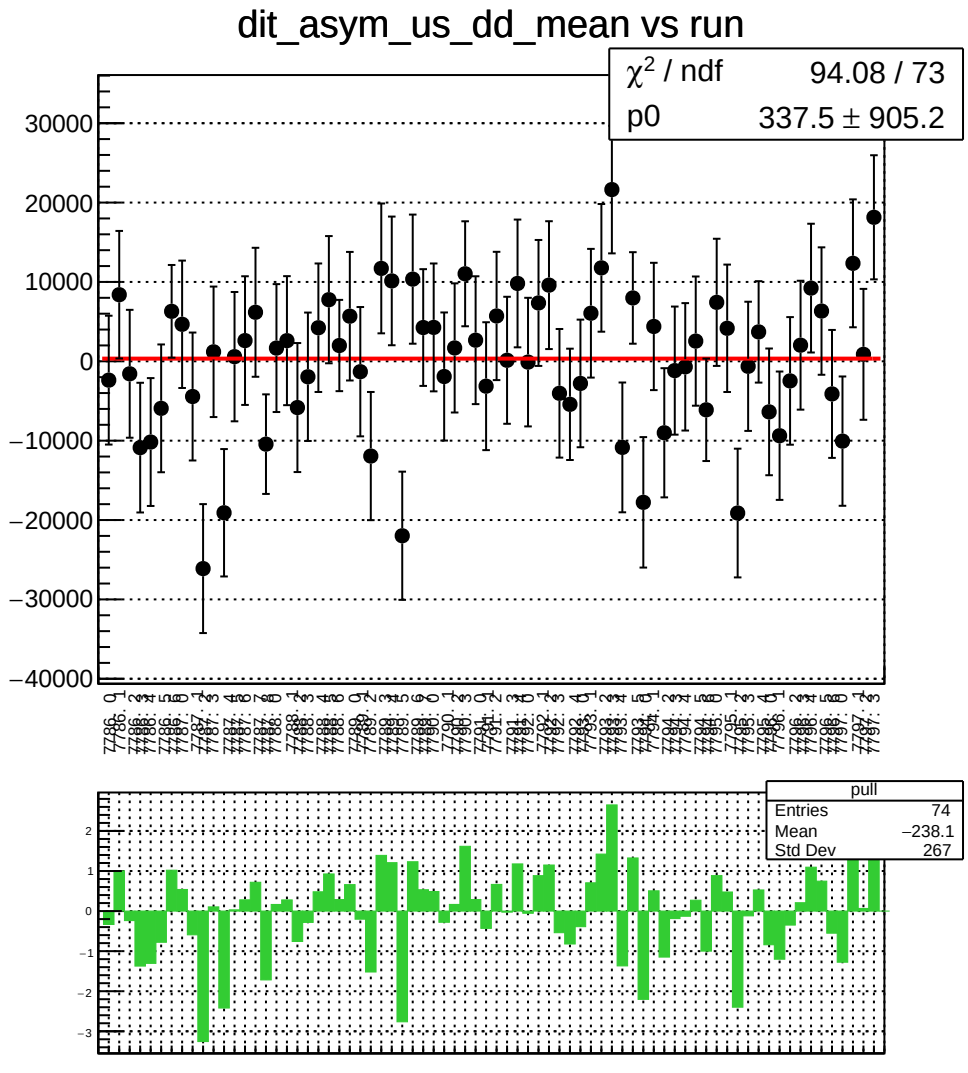

pull1D
Entries 74
Mean −0.01775
Std Dev 0.9871
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

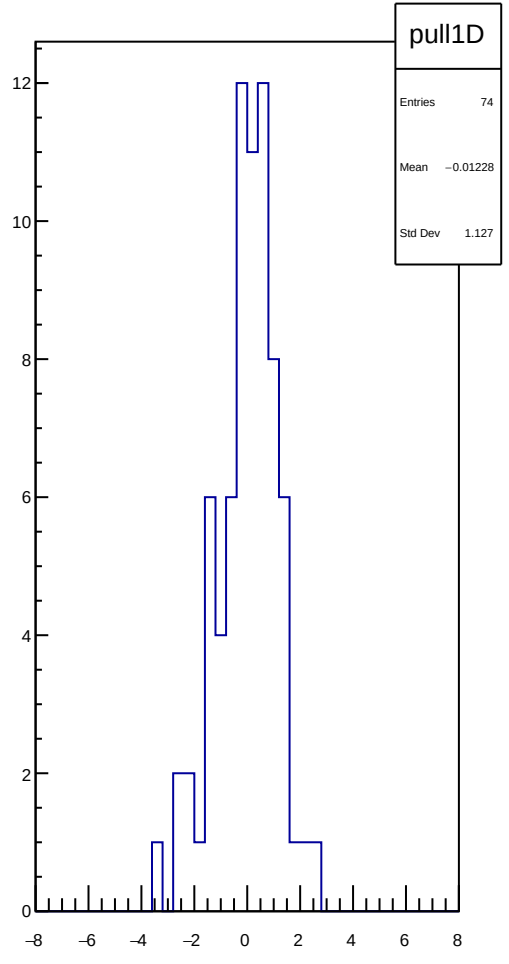

asym_us_avg_correction_rms vs run
χ² / ndf 2475 / 73
p0 1448 ± 1.209
1650
1600
1550
1500
1450
1400
1350
1300

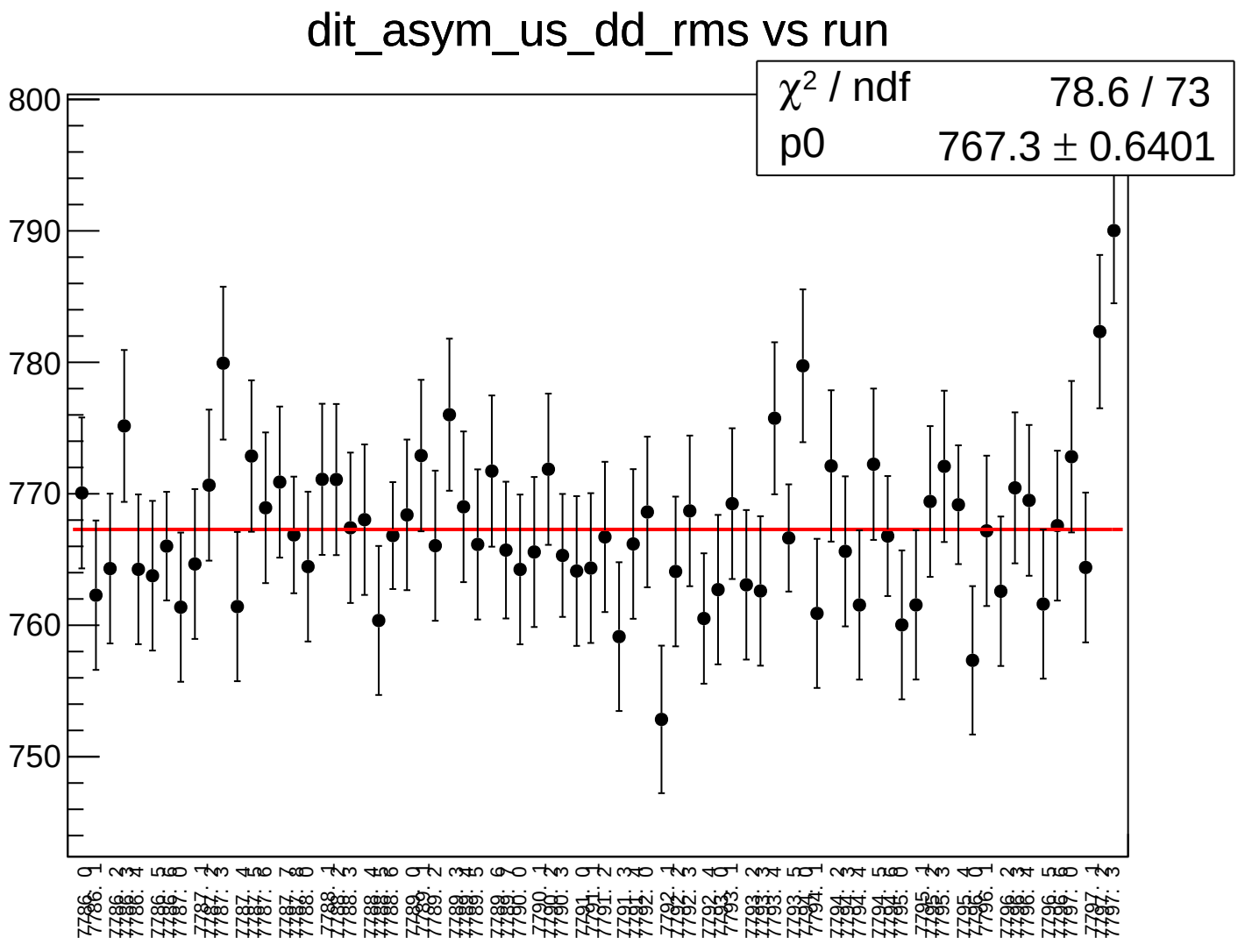

asym_us_avg_mean vs run
χ² / ndf 83.61 / 73
p0 −2424 ± 1939
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 74
Mean −217.4
Std Dev 242.9
2
1
0
−1
−2

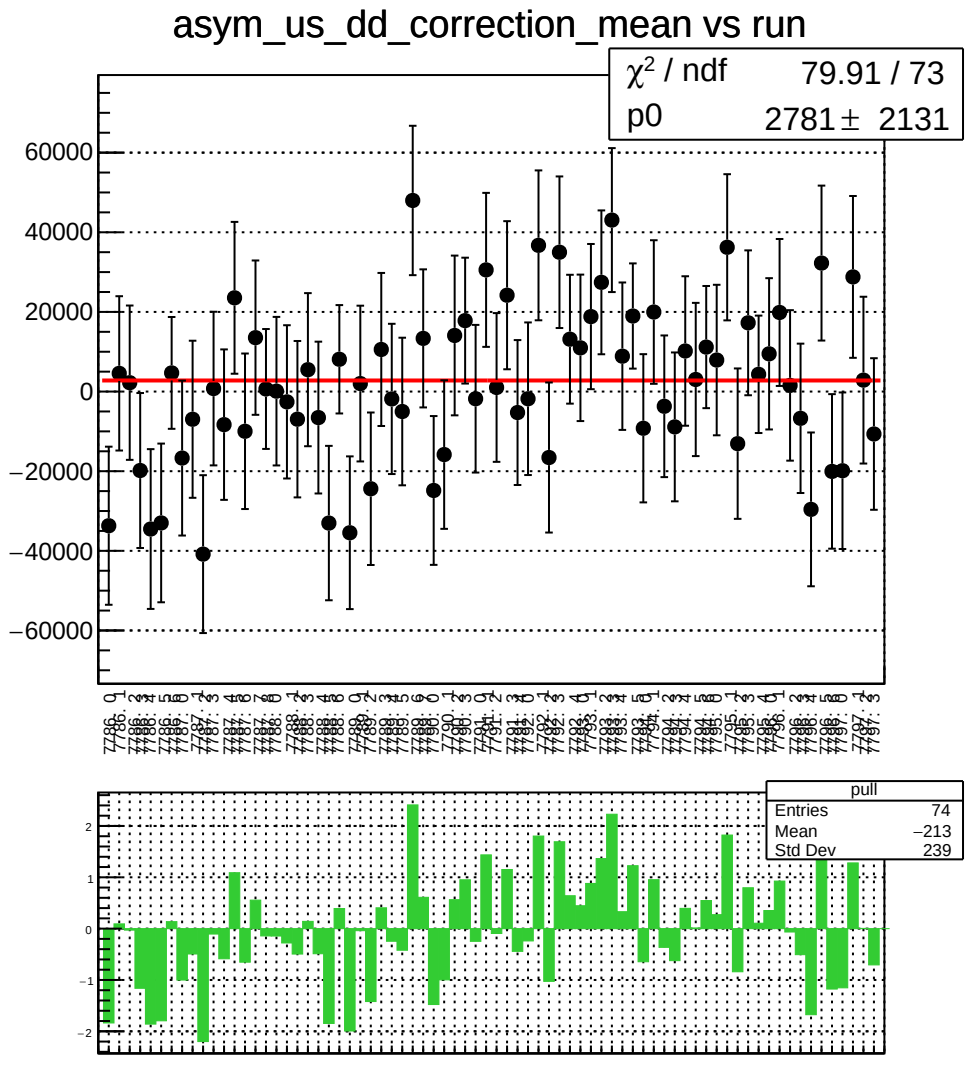

pull1D
Entries 74
Mean 0.02323
Std Dev 1.063
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

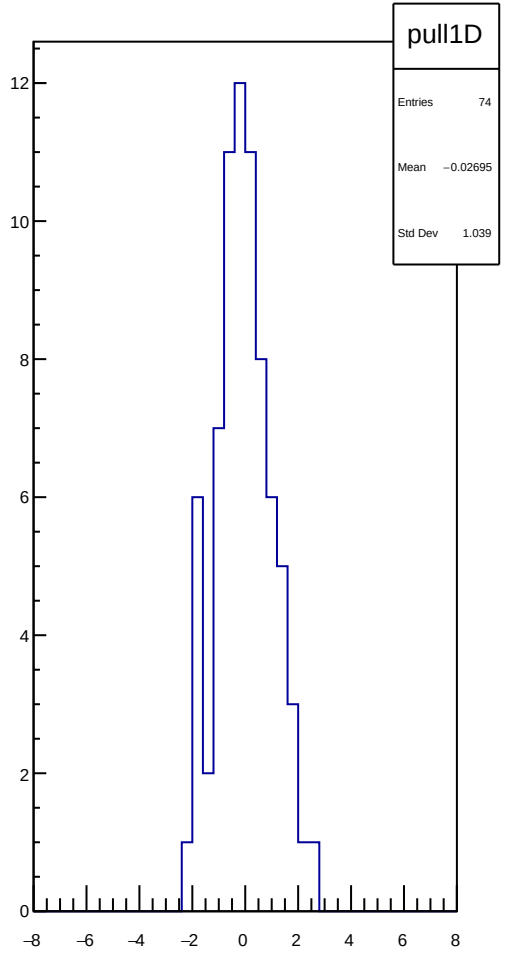

asym_us_avg_rms vs run
$\chi^2$ / ndf 1723 / 73
p0 1643 ± 1.371
1850
1800
1750
1700
1650
1600
1550
1500
1450

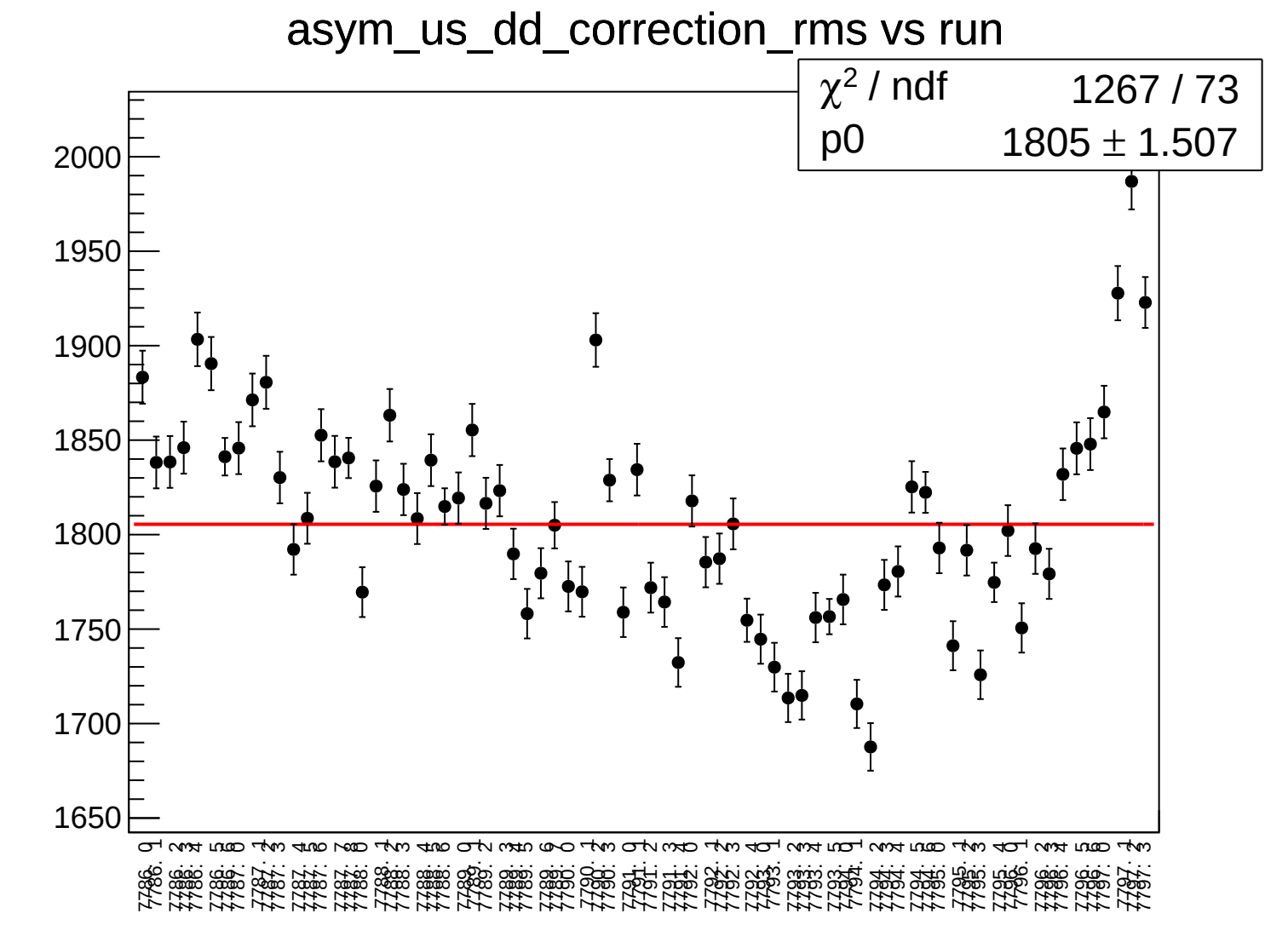

dit_asym_us_dd_mean vs run
$\chi^2$ / ndf 94.08 / 73
p0 337.5 ± 905.2
30000
20000
10000
0
−10000
−20000
−30000
−40000
pull
Entries 74
Mean −238.1
Std Dev 267
2
1
0
−1
−2
−3

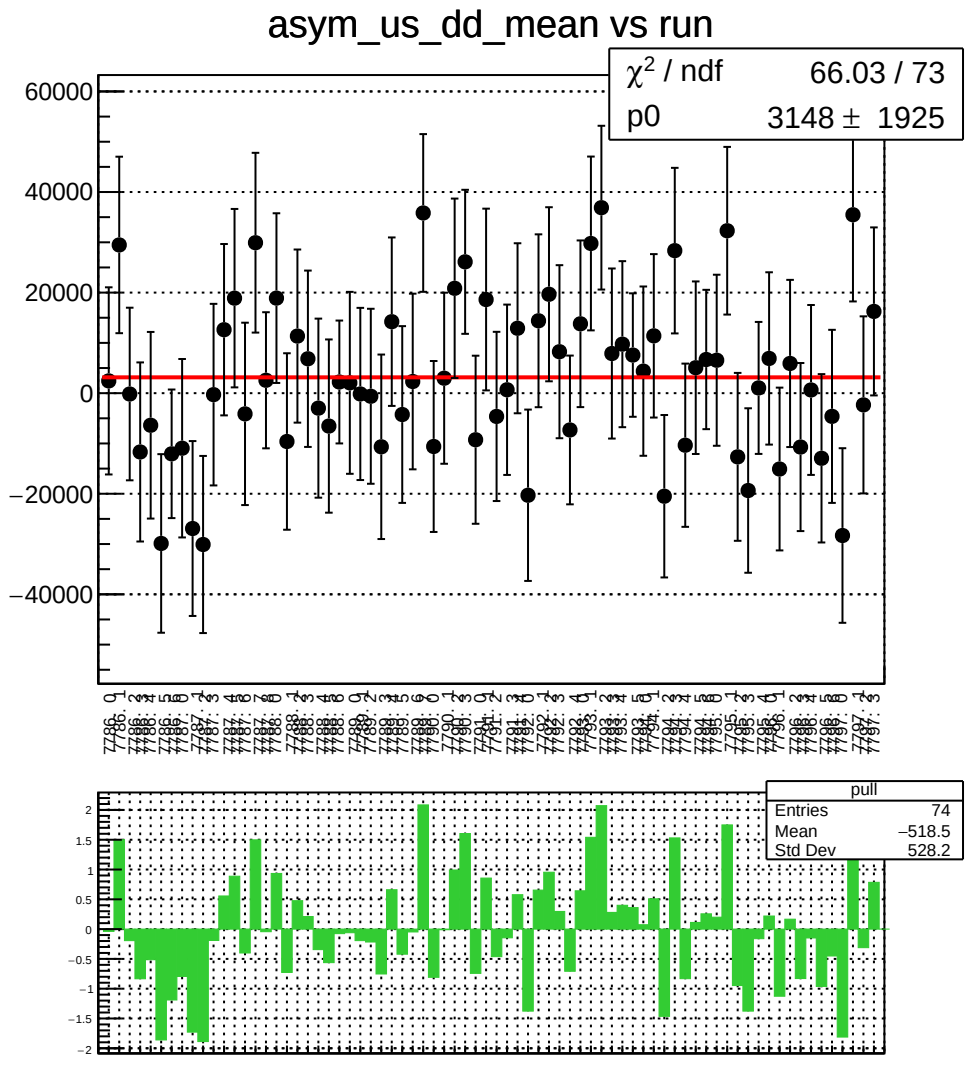

pull1D
Entries 74
Mean −0.01228
Std Dev 1.127
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

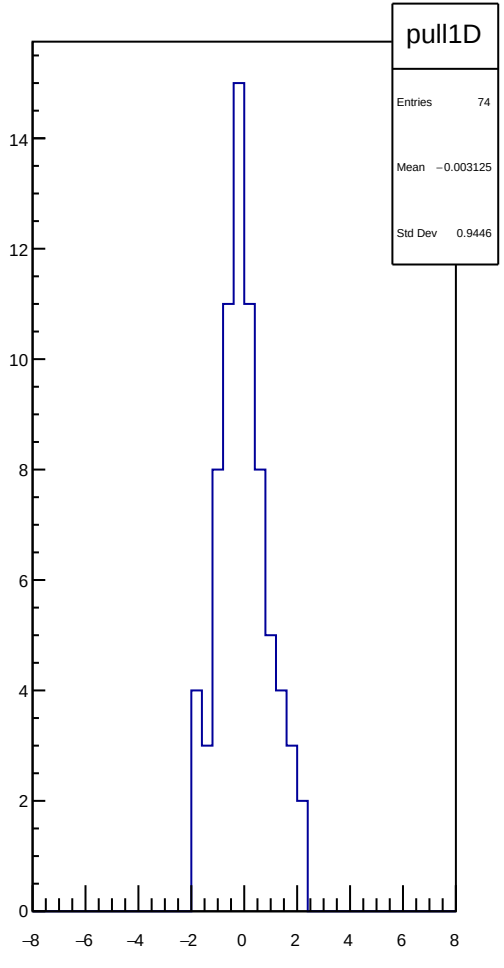

dit_asym_us_dd_rms vs run
χ² / ndf 78.6 / 73
p0 767.3 ± 0.6401
800
790
780
770
760
750

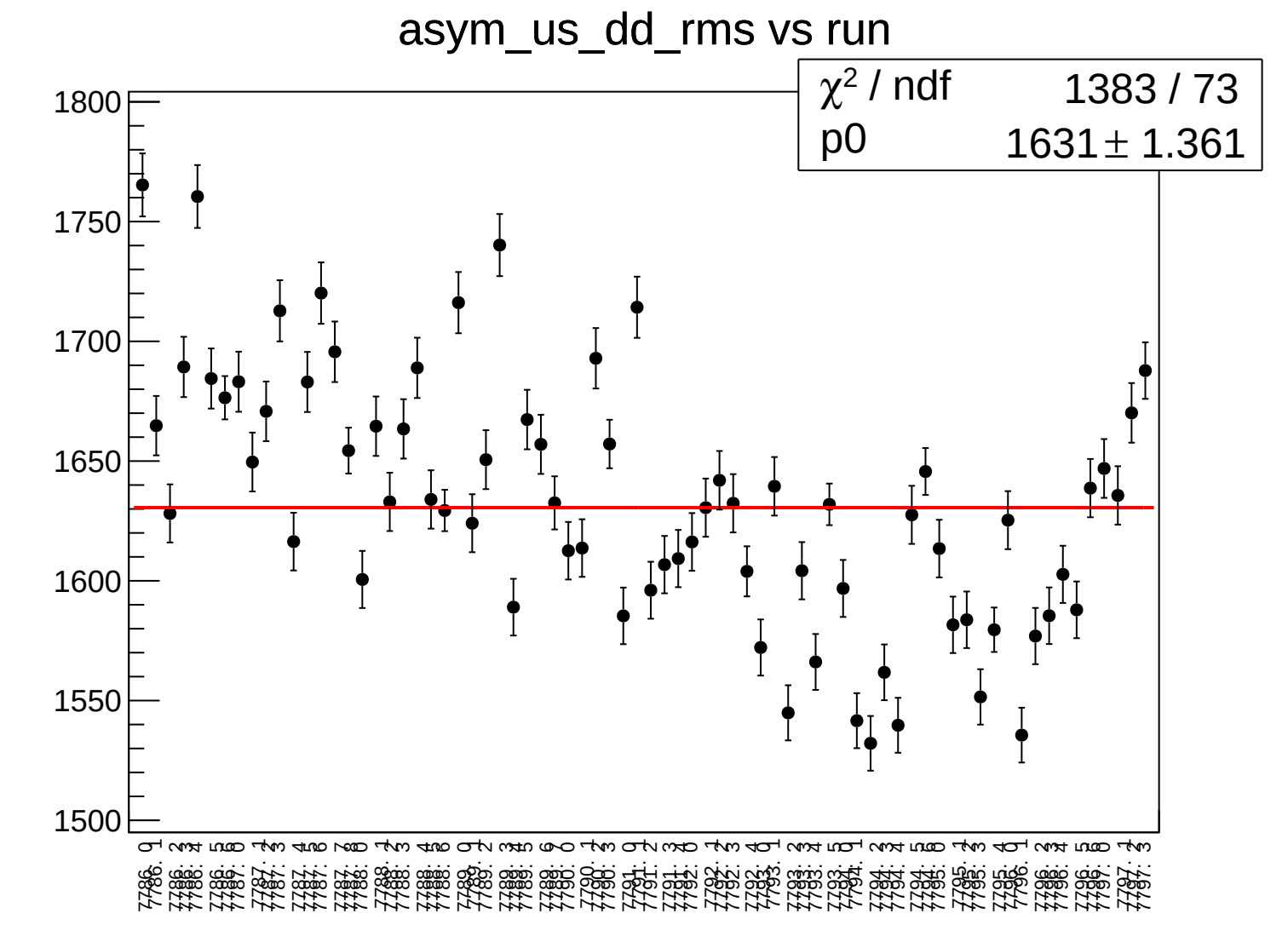

asym_us_dd_correction_mean vs run
χ² / ndf 79.91 / 73
p0 2781 ± 2131
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 74
Mean −213
Std Dev 239
2
1
0
−1
−2

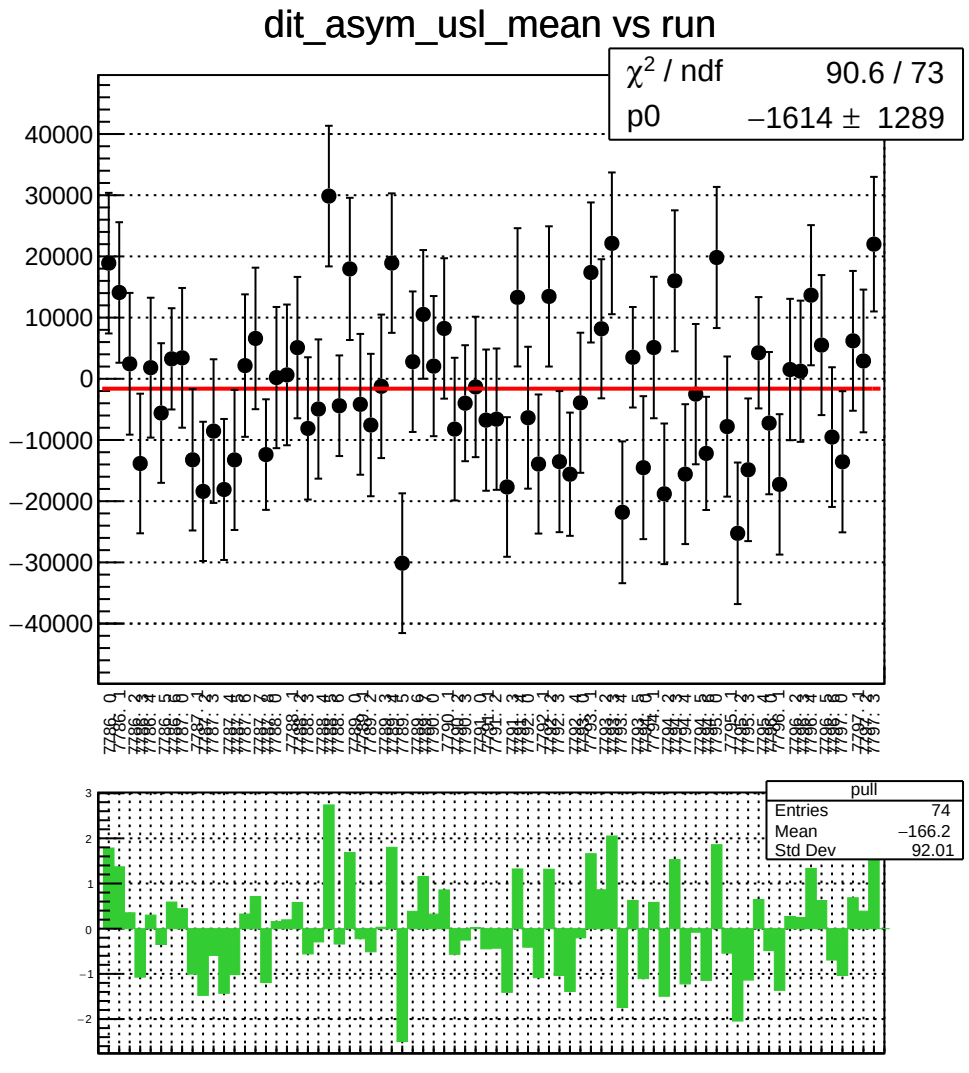

pull1D
Entries 74
Mean −0.02695
Std Dev 1.039
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

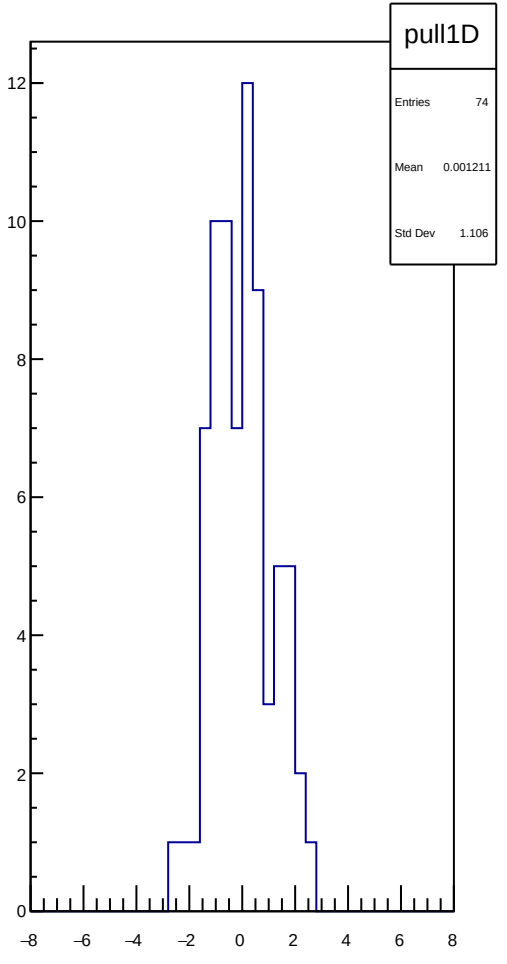

asym_us_dd_correction_rms vs run
χ² / ndf 1267 / 73
p0 1805 ± 1.507
2000
1950
1900
1850
1800
1750
1700
1650

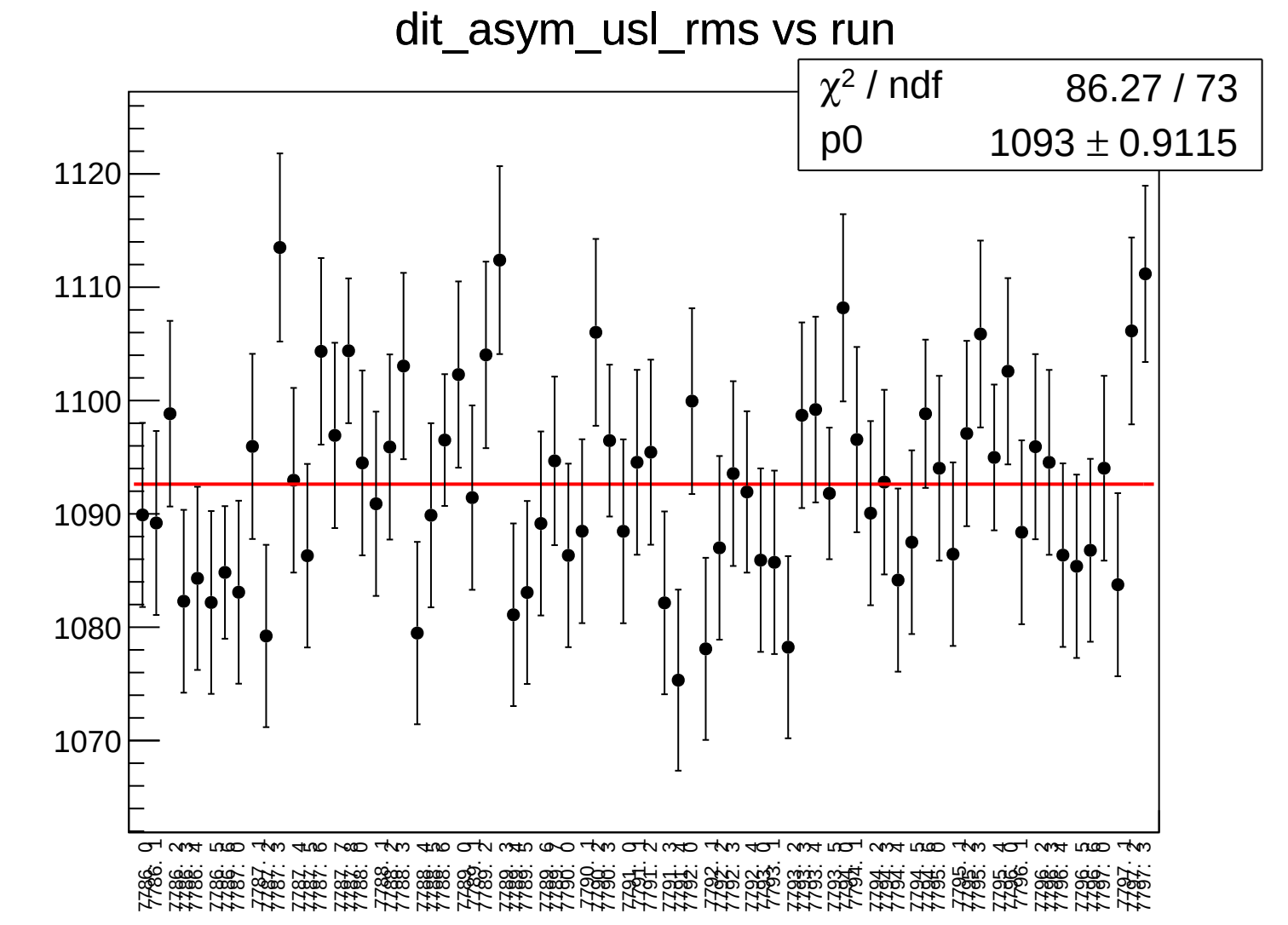

asym_us_dd_mean vs run
χ² / ndf 66.03 / 73
p0 3148 ± 1925
60000
40000
20000
0
−20000
−40000
pull
Entries 74
Mean −518.5
Std Dev 528.2
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

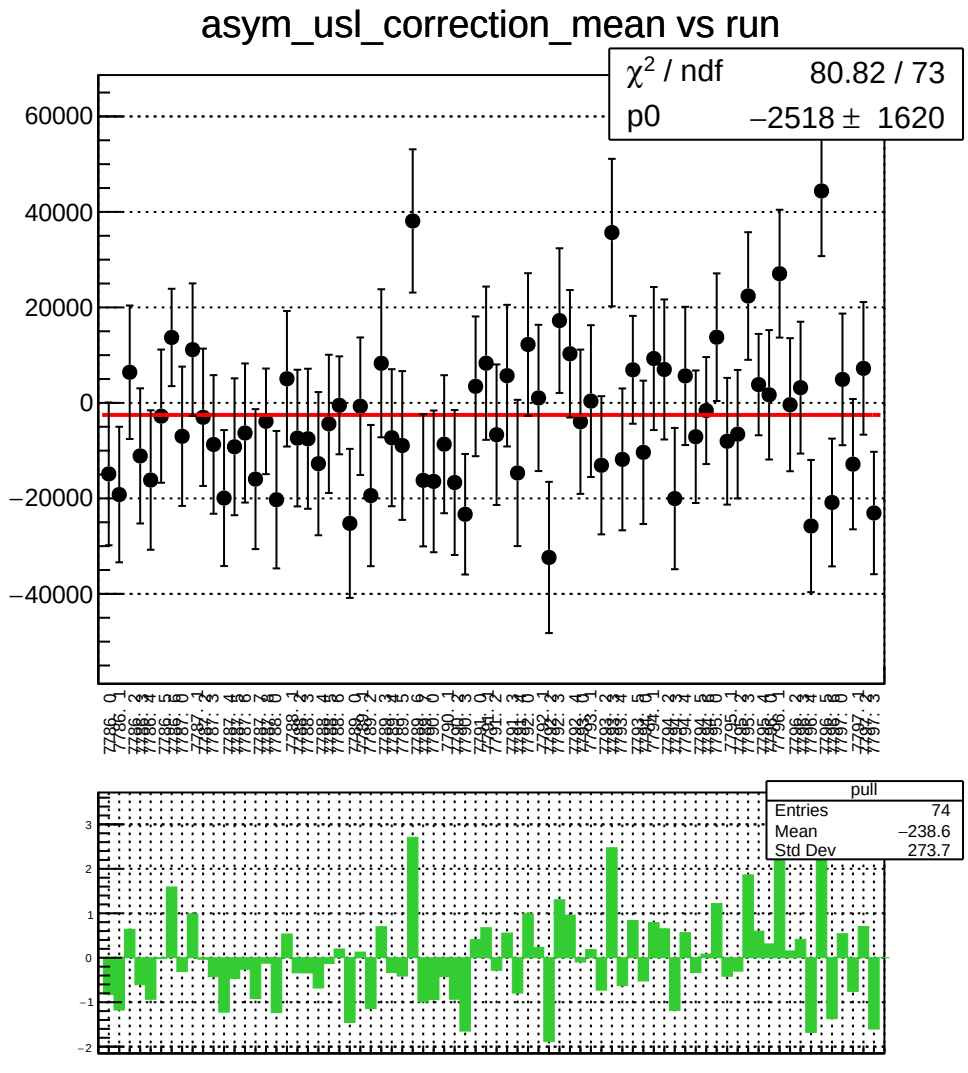

pull1D
Entries 74
Mean −0.003125
Std Dev 0.9446
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

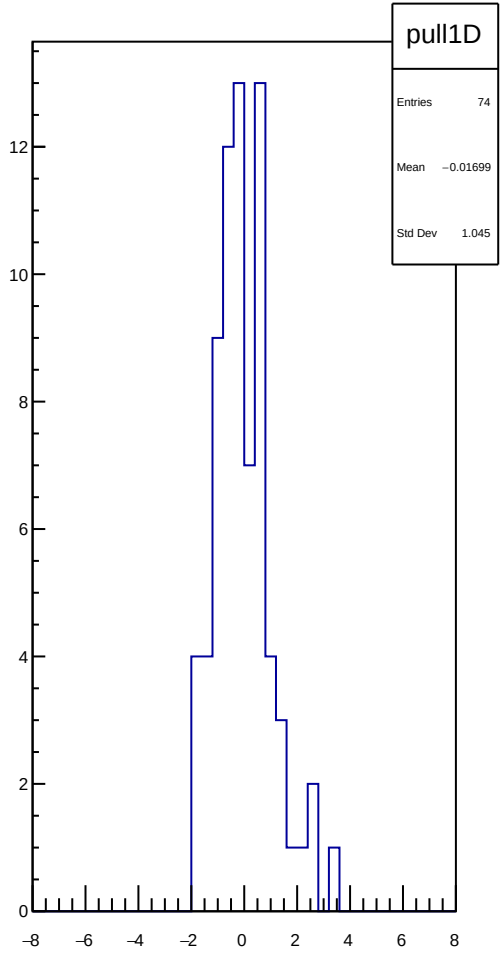

asym_us_dd_rms vs run
χ² / ndf 1383 / 73
p0 1631 ± 1.361
1800
1750
1700
1650
1600
1550
1500

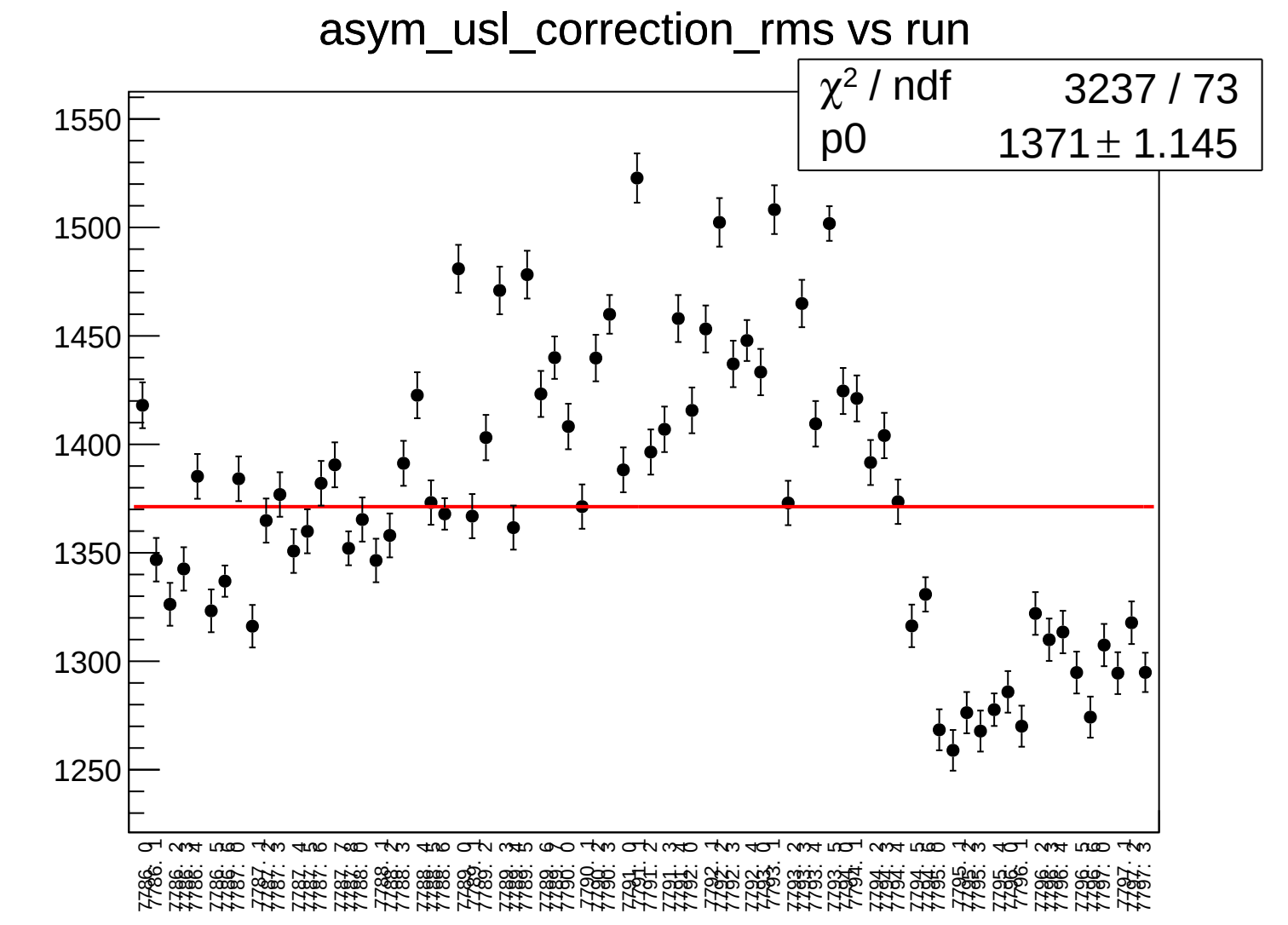

dit_asym_usl_mean vs run
χ² / ndf 90.6 / 73
p0 −1614 ± 1289
pull
Entries 74
Mean −166.2
Std Dev 92.01

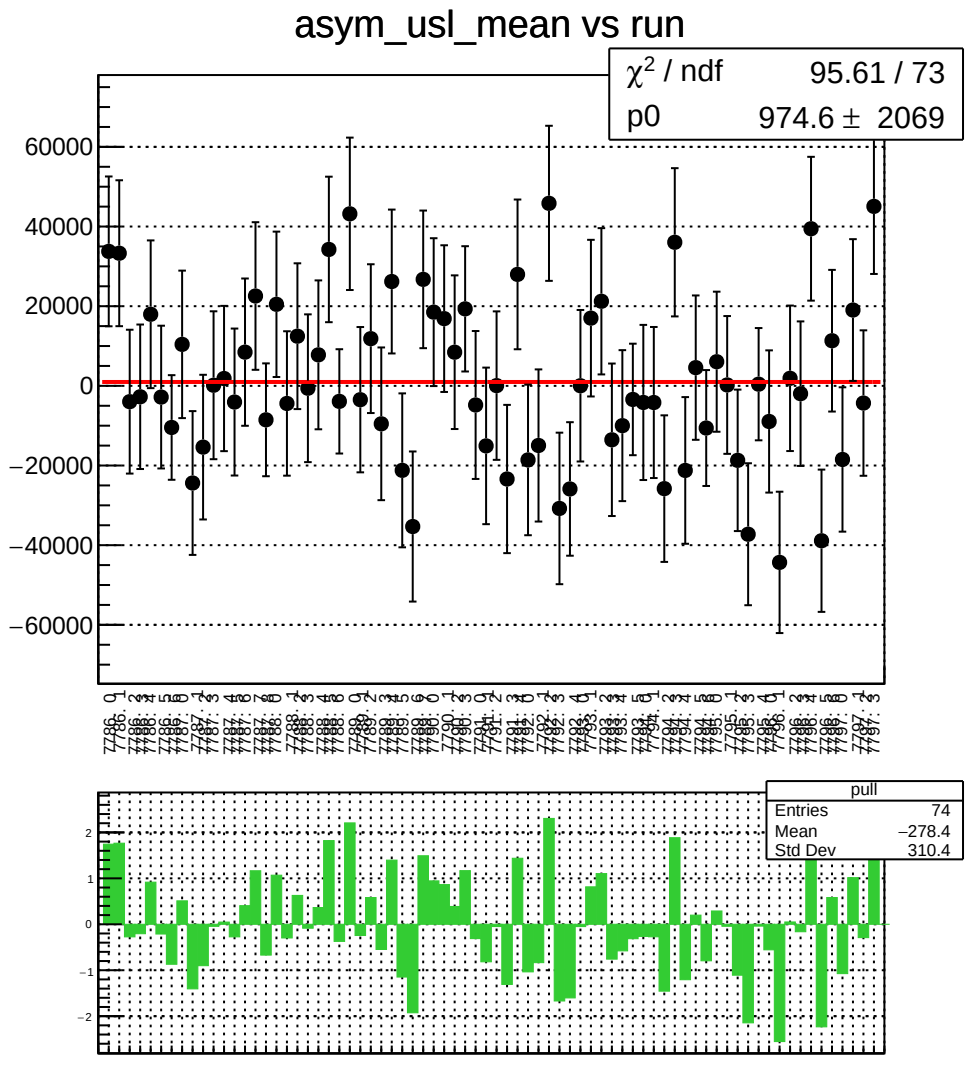

pull1D
Entries 74
Mean 0.001211
Std Dev 1.106

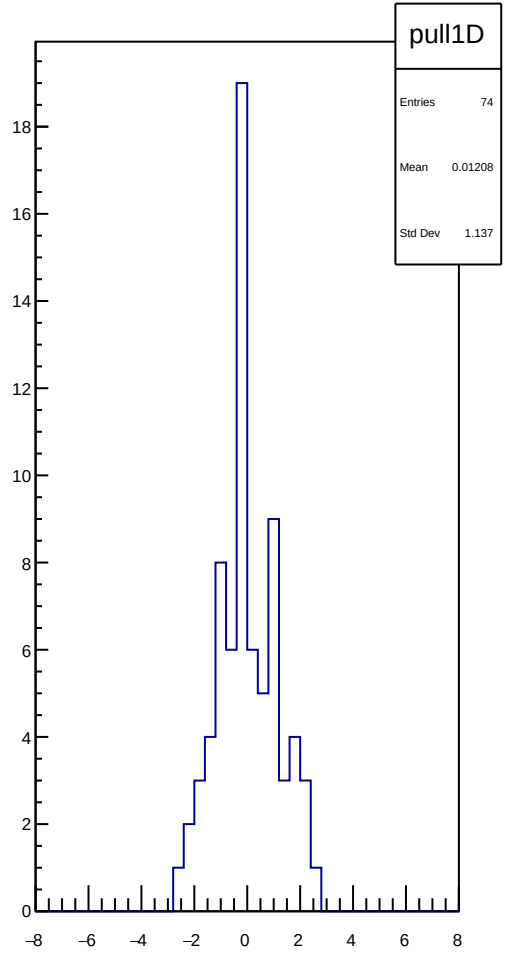

dit_asym_usl_rms vs run
$\chi^2$ / ndf 86.27 / 73
p0 1093 ± 0.9115
1120
1110
1100
1090
1080
1070

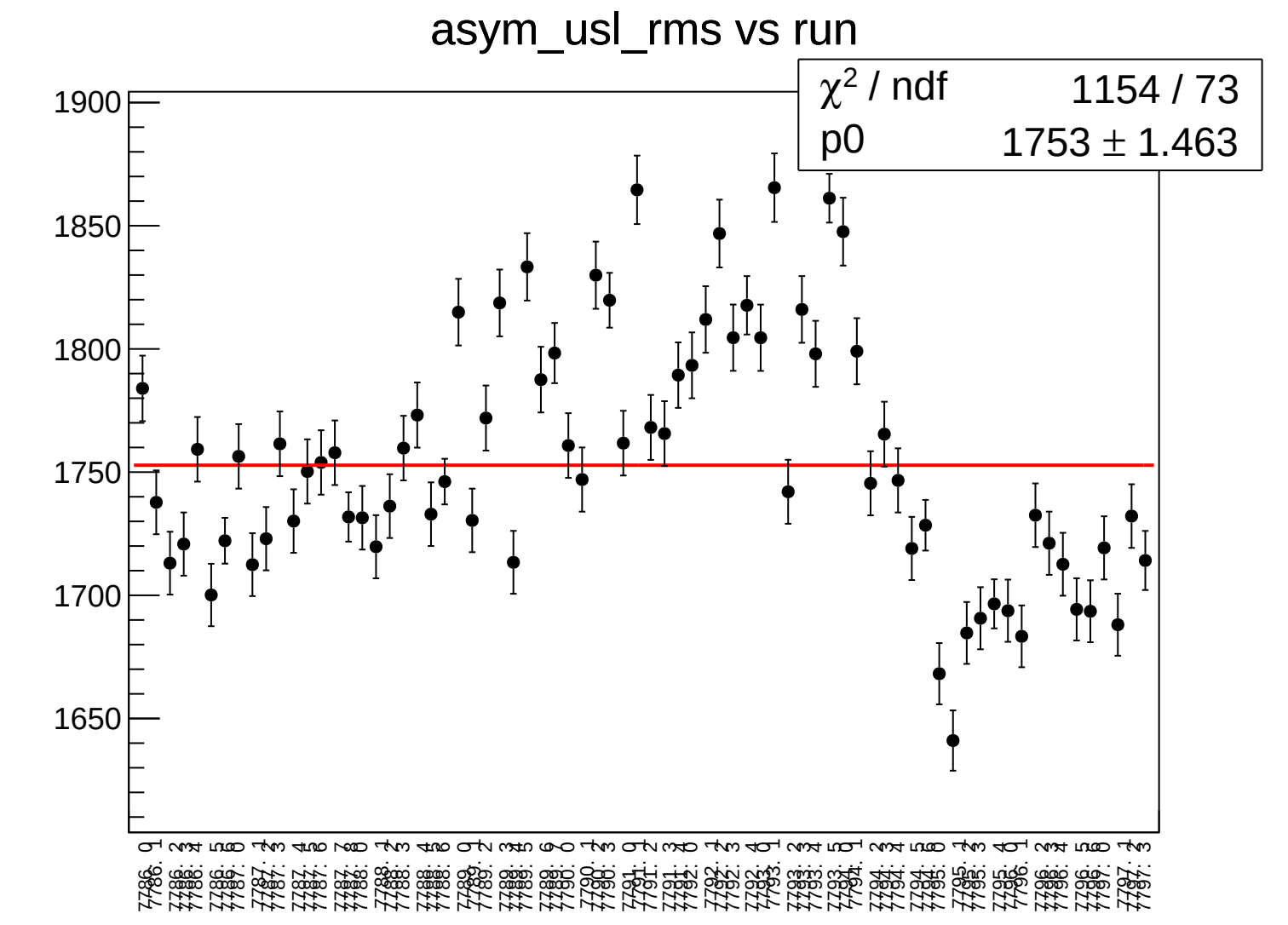

asym_usl_correction_mean vs run
χ² / ndf 80.82 / 73
p0 −2518 ± 1620
60000
40000
20000
0
−20000
−40000
pull
Entries 74
Mean −238.6
Std Dev 273.7
3
2
1
0
−1
−2

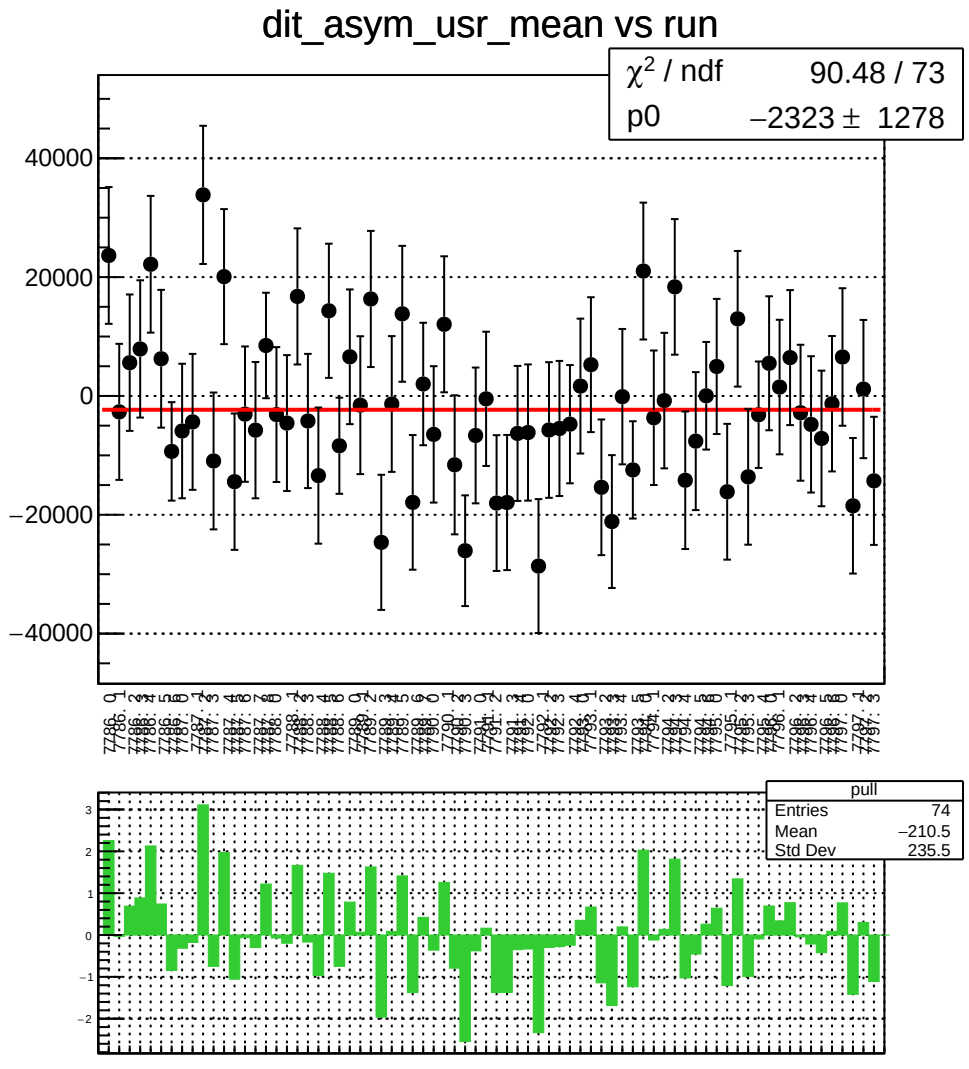

pull1D
Entries 74
Mean −0.01699
Std Dev 1.045
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

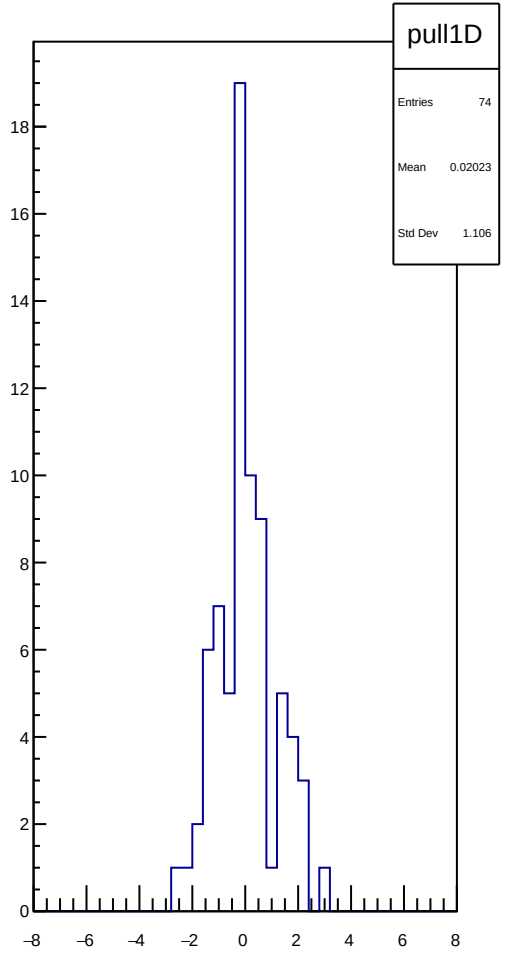

asym_usl_correction_rms vs run
χ² / ndf 3237 / 73
p0 1371 ± 1.145
1550
1500
1450
1400
1350
1300
1250

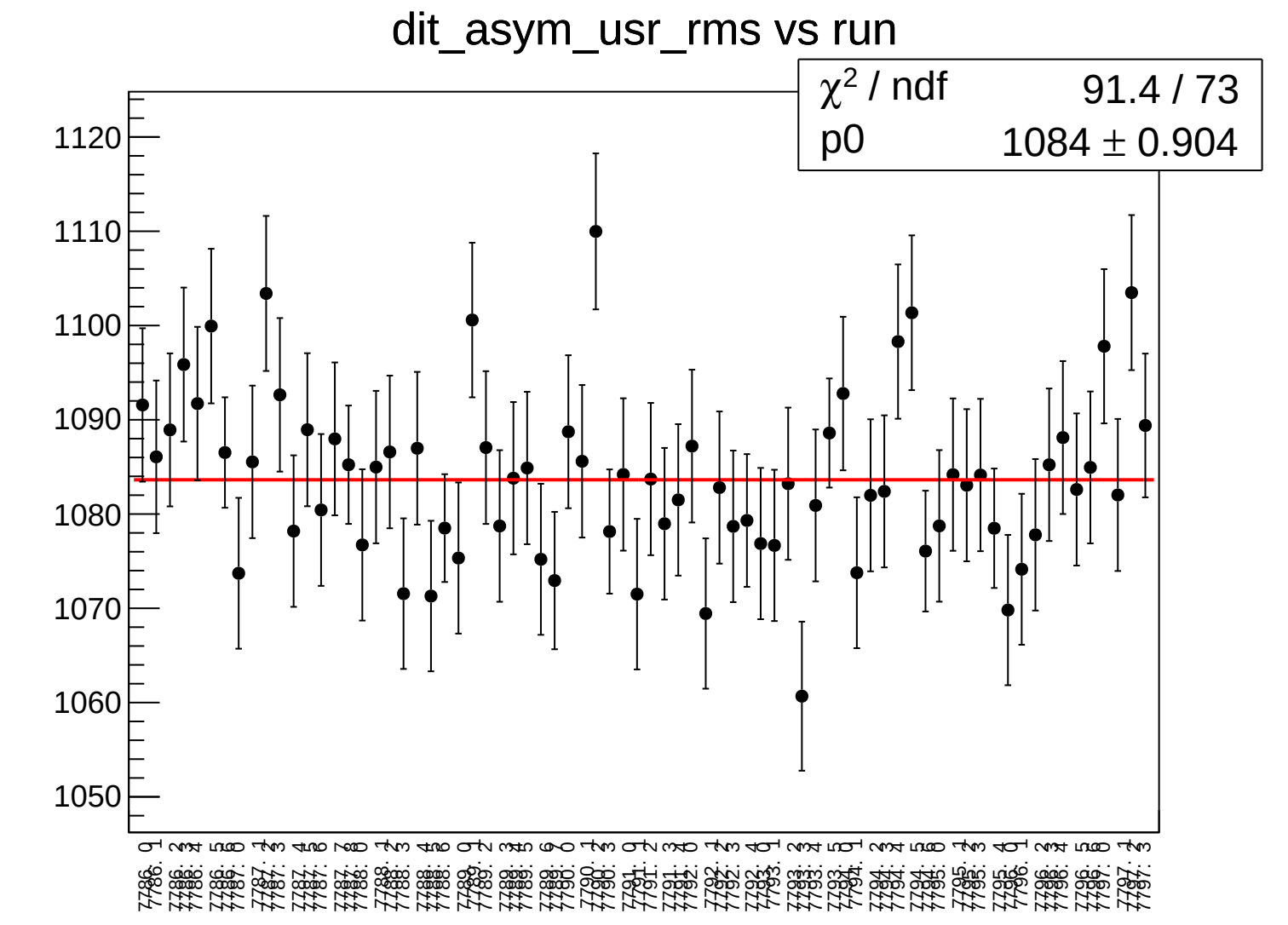

asym_usl_mean vs run
χ² / ndf 95.61 / 73
p0 974.6 ± 2069
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 74
Mean −278.4
Std Dev 310.4
2
1
0
−1
−2

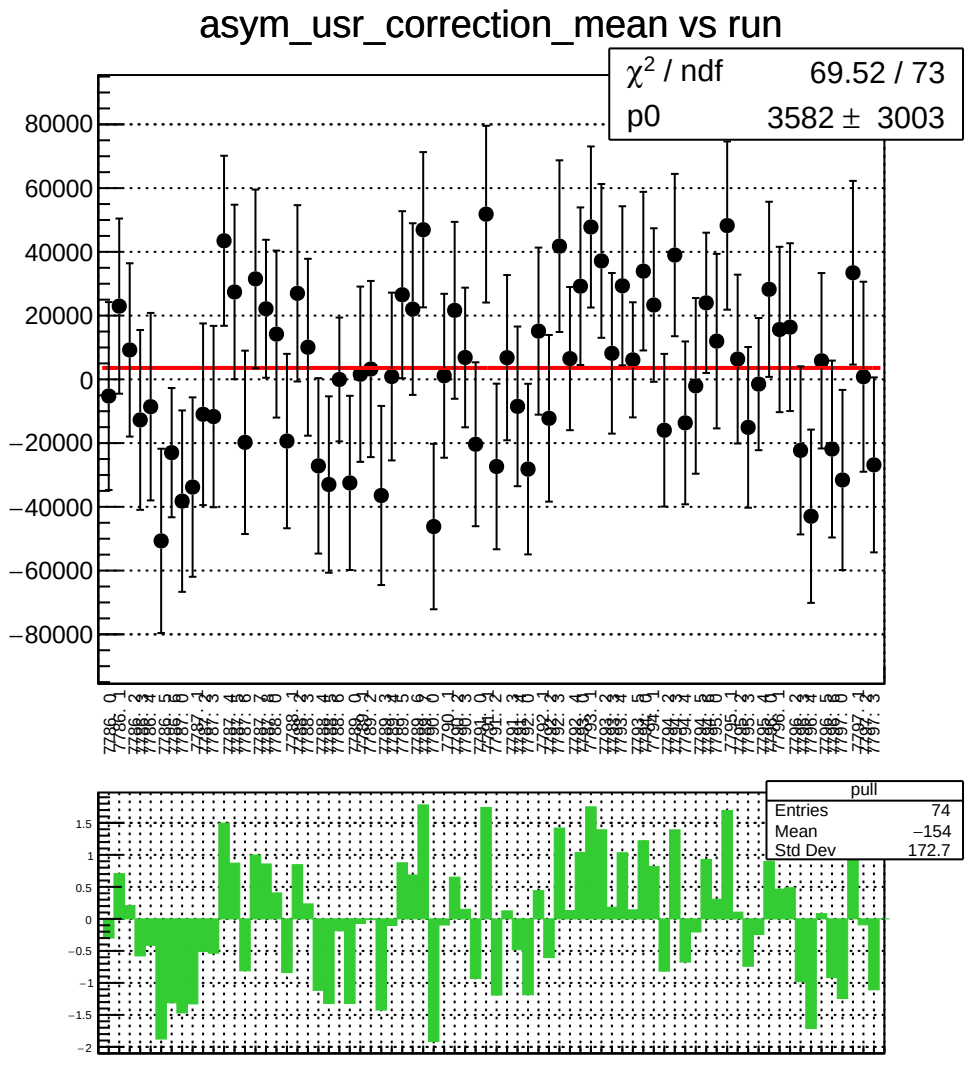

pull1D
Entries 74
Mean 0.01208
Std Dev 1.137
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

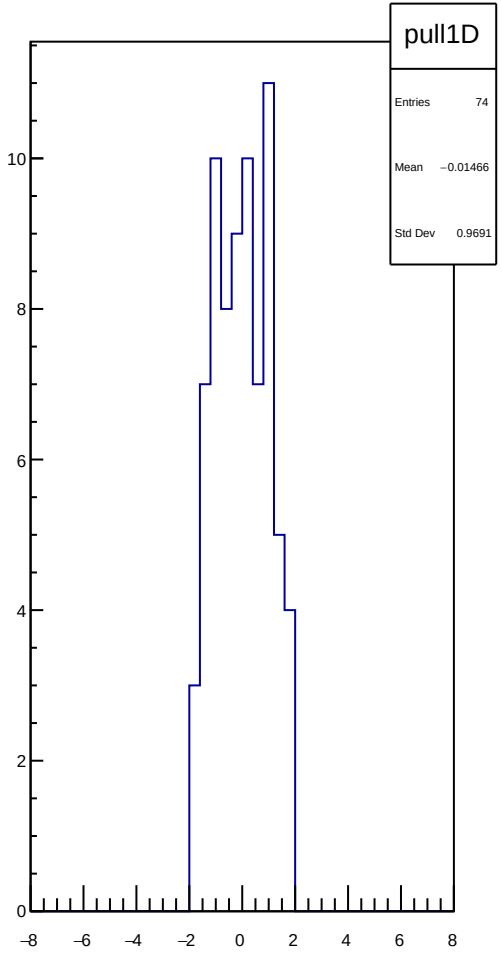

asym_usl_rms vs run
χ² / ndf 1154 / 73
p0 1753 ± 1.463
1900
1850
1800
1750
1700
1650

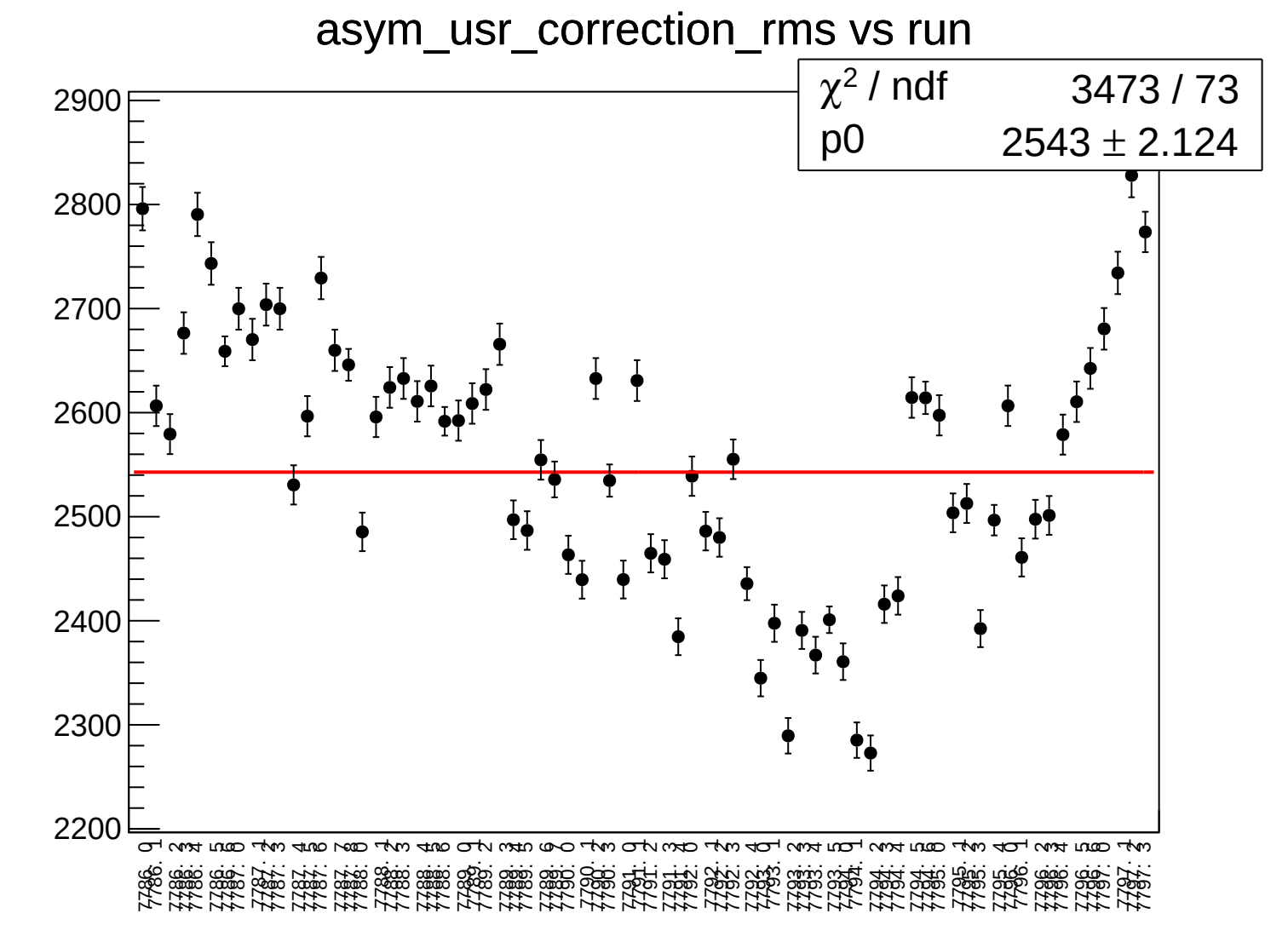

dit_asym_usr_mean vs run
χ² / ndf 90.48 / 73
p0 −2323 ± 1278
40000
20000
0
−20000
−40000
pull
Entries 74
Mean −210.5
Std Dev 235.5
3
2
1
0
−1
−2

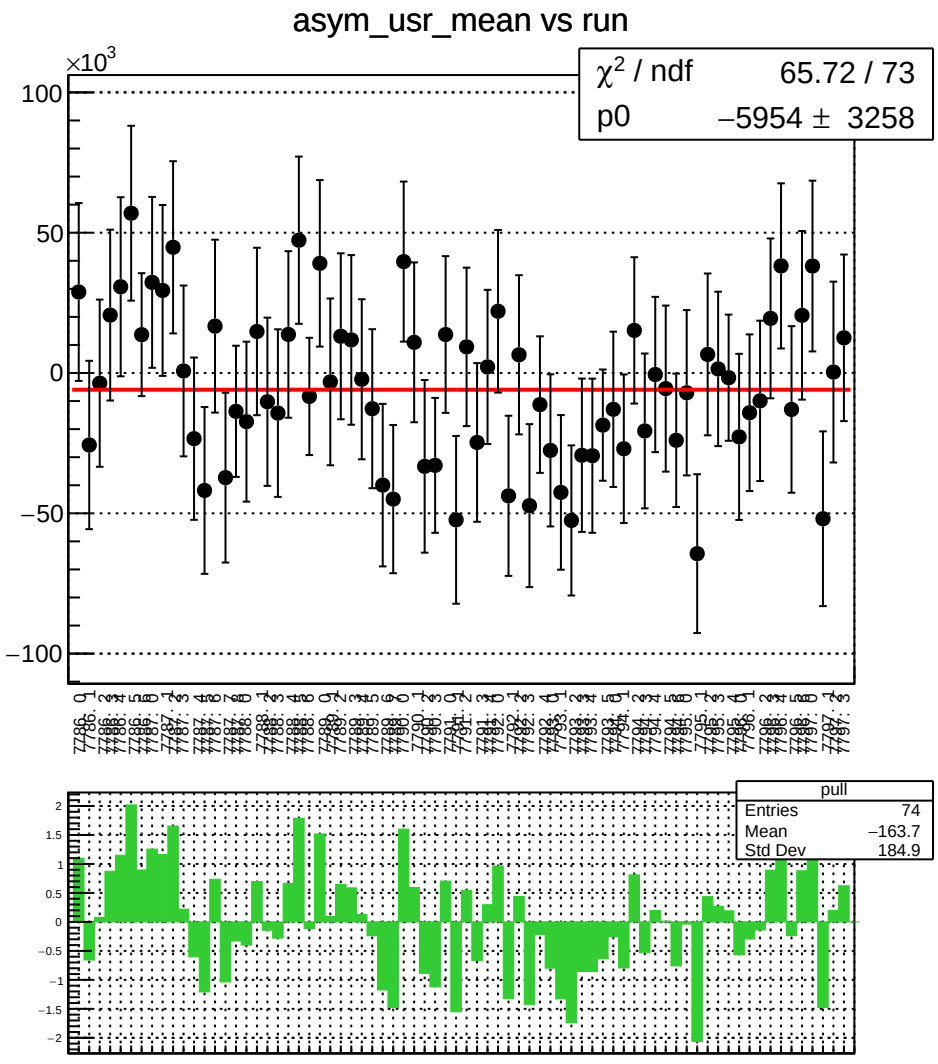

pull1D
Entries 74
Mean 0.02023
Std Dev 1.106
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

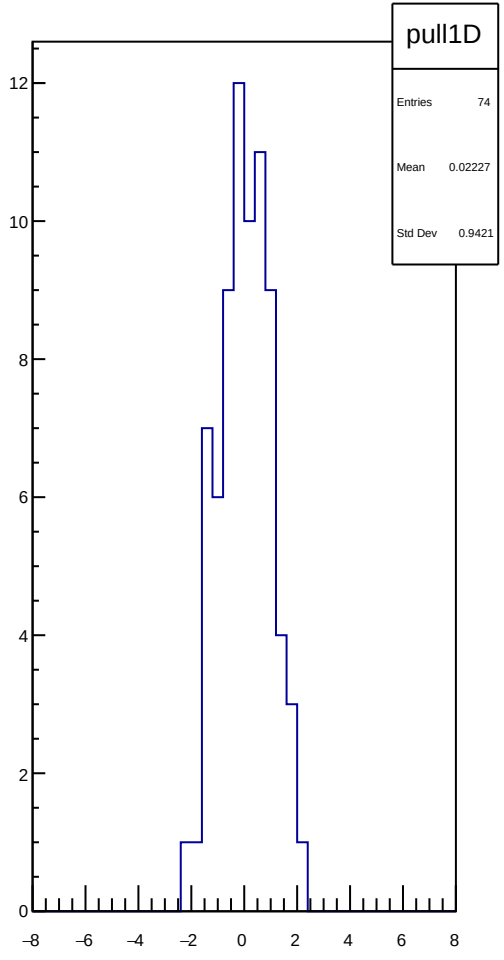

dit_asym_usr_rms vs run
$\chi^2$ / ndf 91.4 / 73
p0 1084 ± 0.904
1120
1110
1100
1090
1080
1070
1060
1050

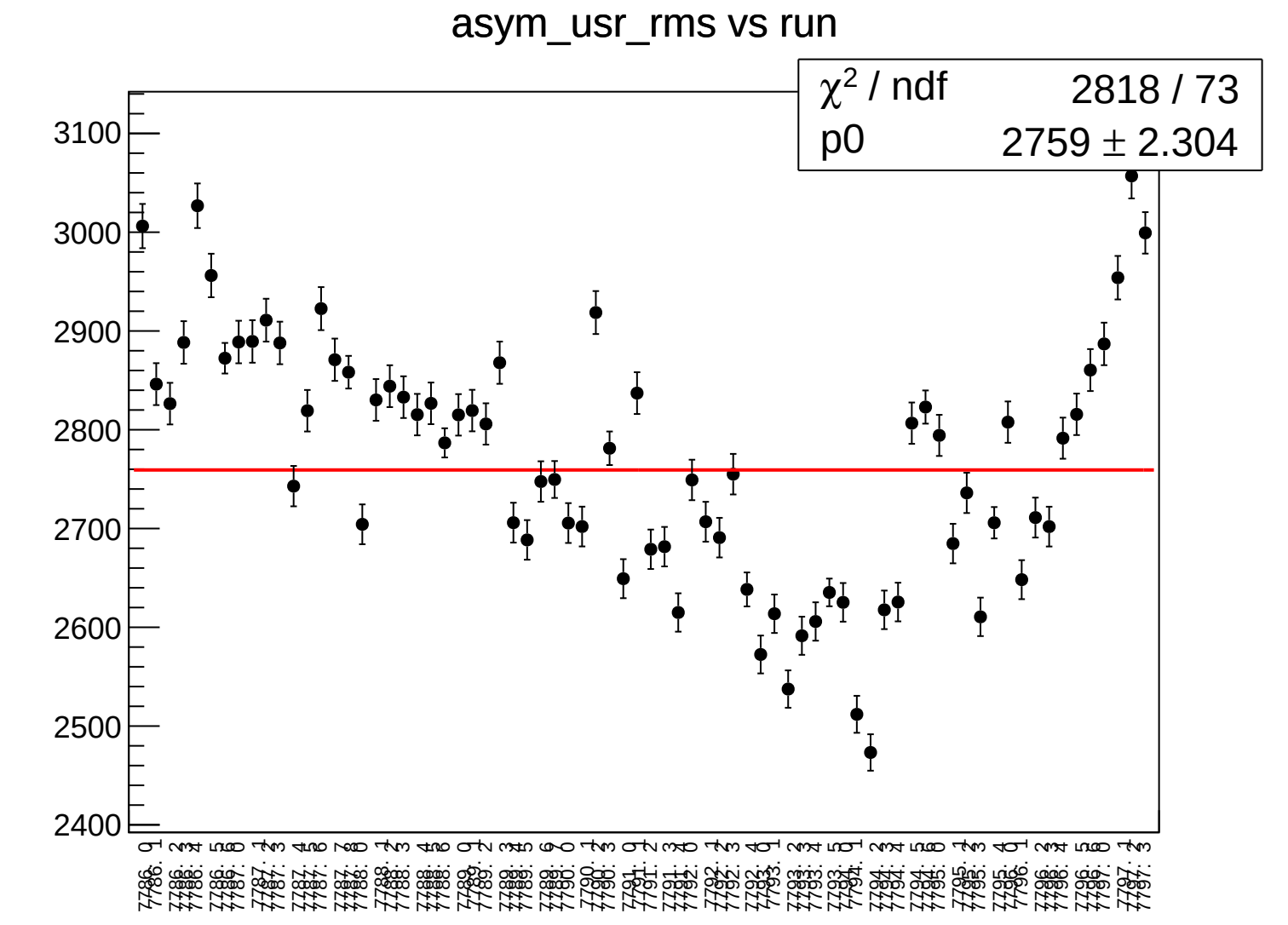

asym_usr_correction_mean vs run
χ² / ndf 69.52 / 73
p0 3582 ± 3003
pull
Entries 74
Mean −154
Std Dev 172.7

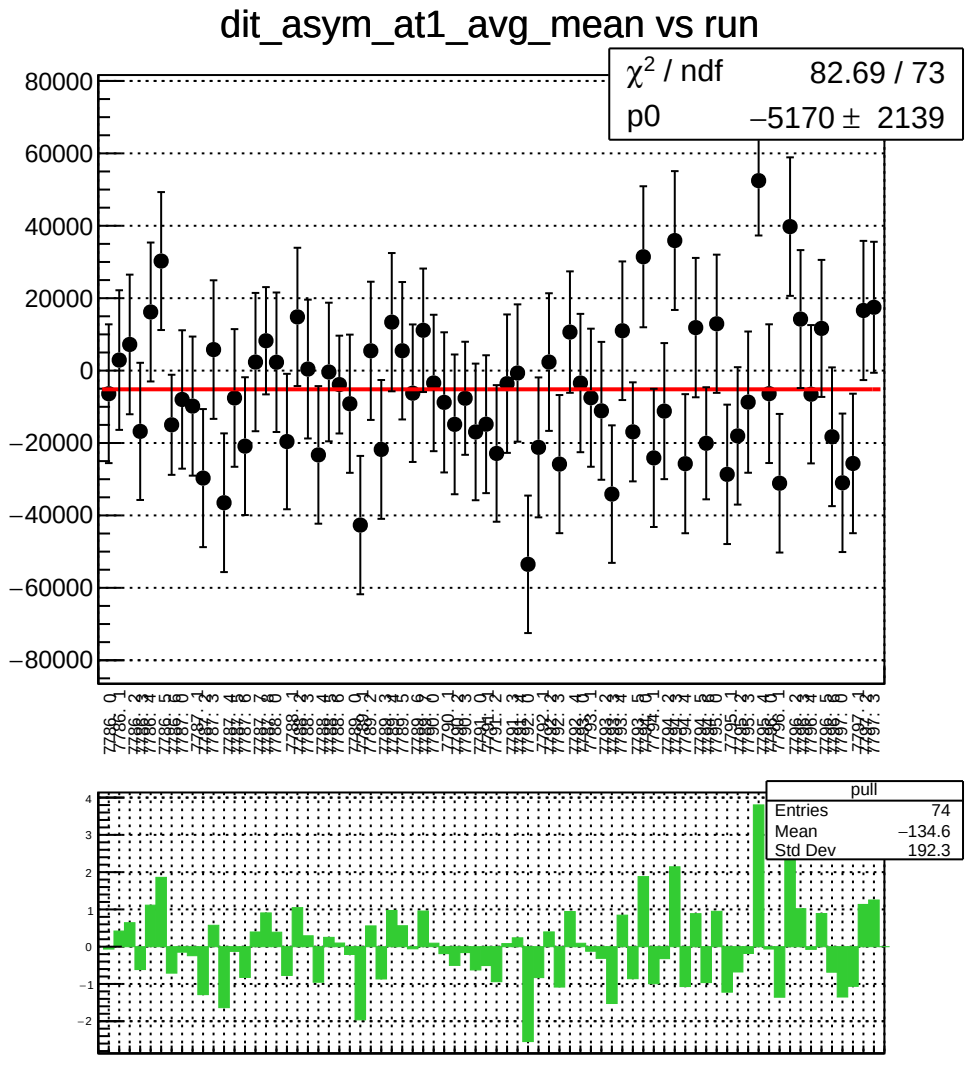

pull1D
Entries 74
Mean −0.01466
Std Dev 0.9691

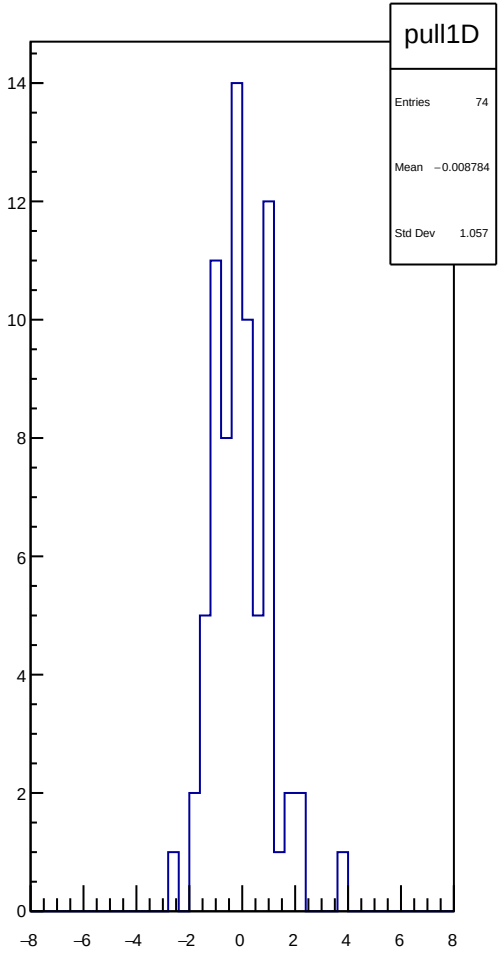

asym_usr_correction_rms vs run
χ² / ndf 3473 / 73
p0 2543 ± 2.124
2900
2800
2700
2600
2500
2400
2300
2200

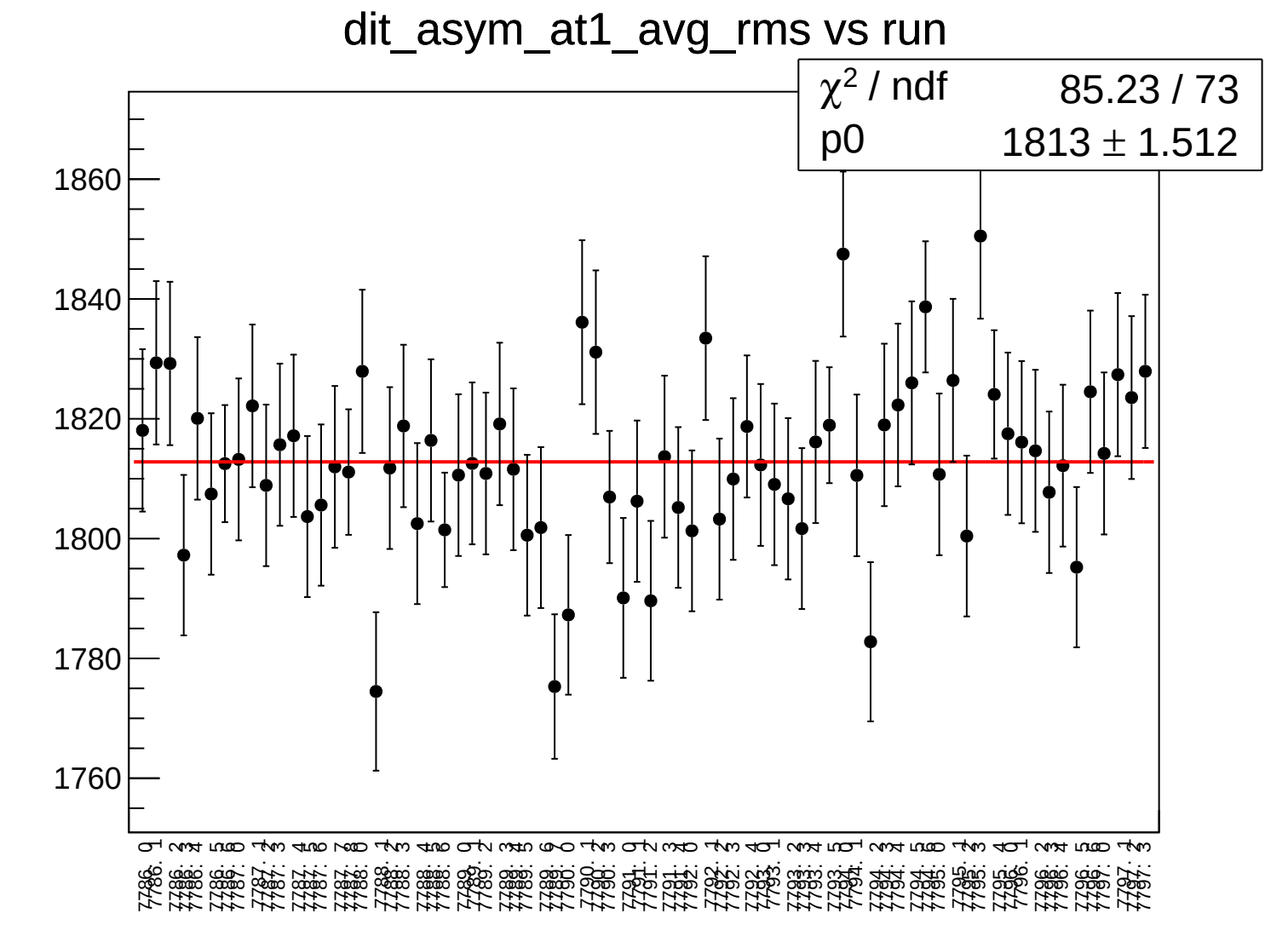

asym_usr_mean vs run
×10^3
χ² / ndf 65.72 / 73
p0 −5954 ± 3258
100
50
0
−50
−100
pull
Entries 74
Mean −163.7
Std Dev 184.9
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

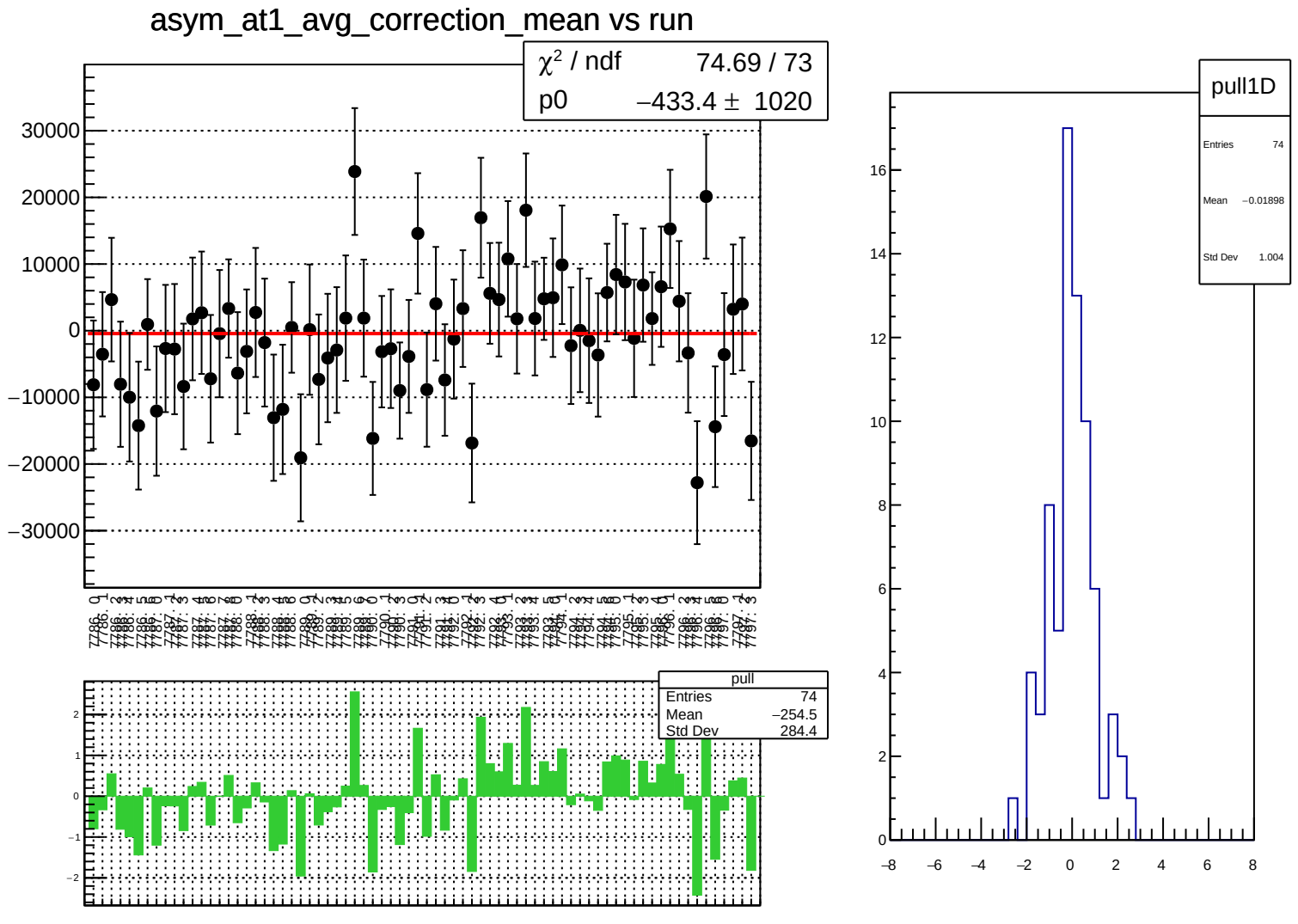

pull1D
Entries 74
Mean 0.02227
Std Dev 0.9421
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

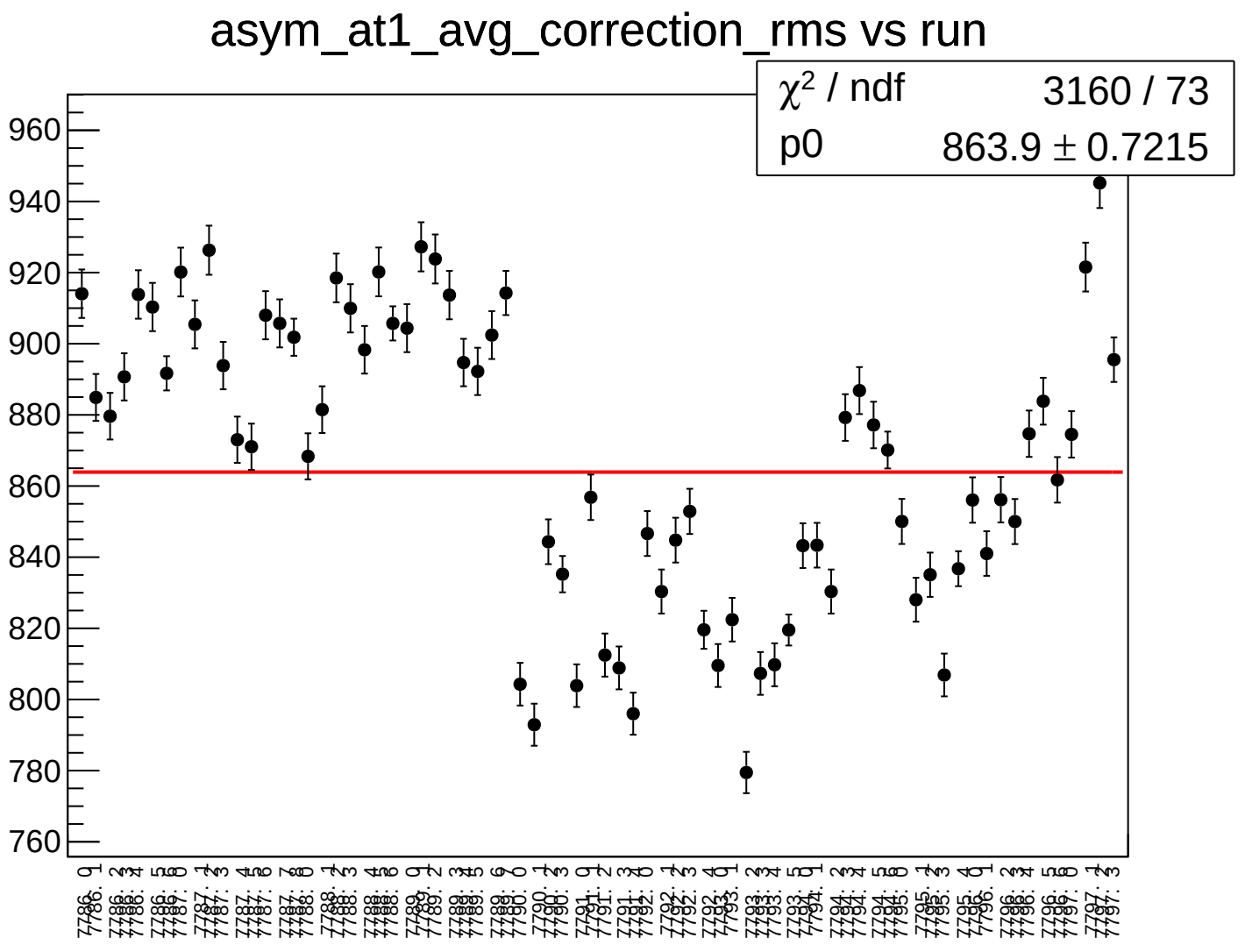

asym_usr_rms vs run
χ² / ndf 2818 / 73
p0 2759 ± 2.304
3100
3000
2900
2800
2700
2600
2500
2400

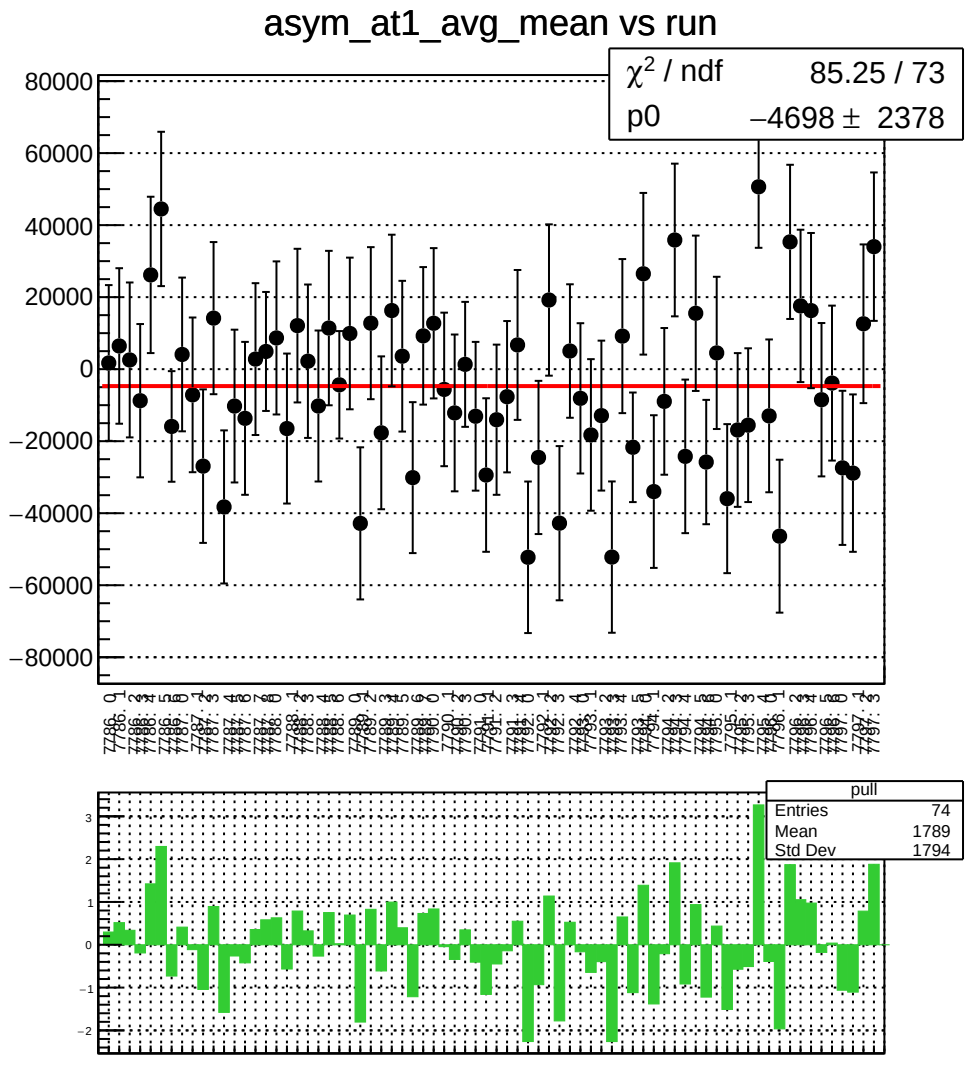

dit_asym_at1_avg_mean vs run
χ² / ndf 82.69 / 73
p0 −5170 ± 2139
pull
Entries 74
Mean −134.6
Std Dev 192.3

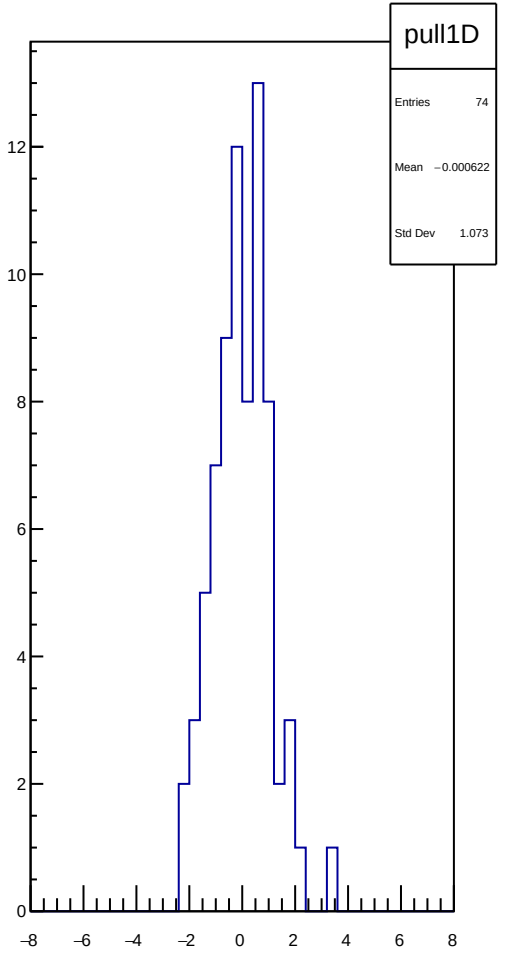

pull1D
Entries 74
Mean −0.008784
Std Dev 1.057

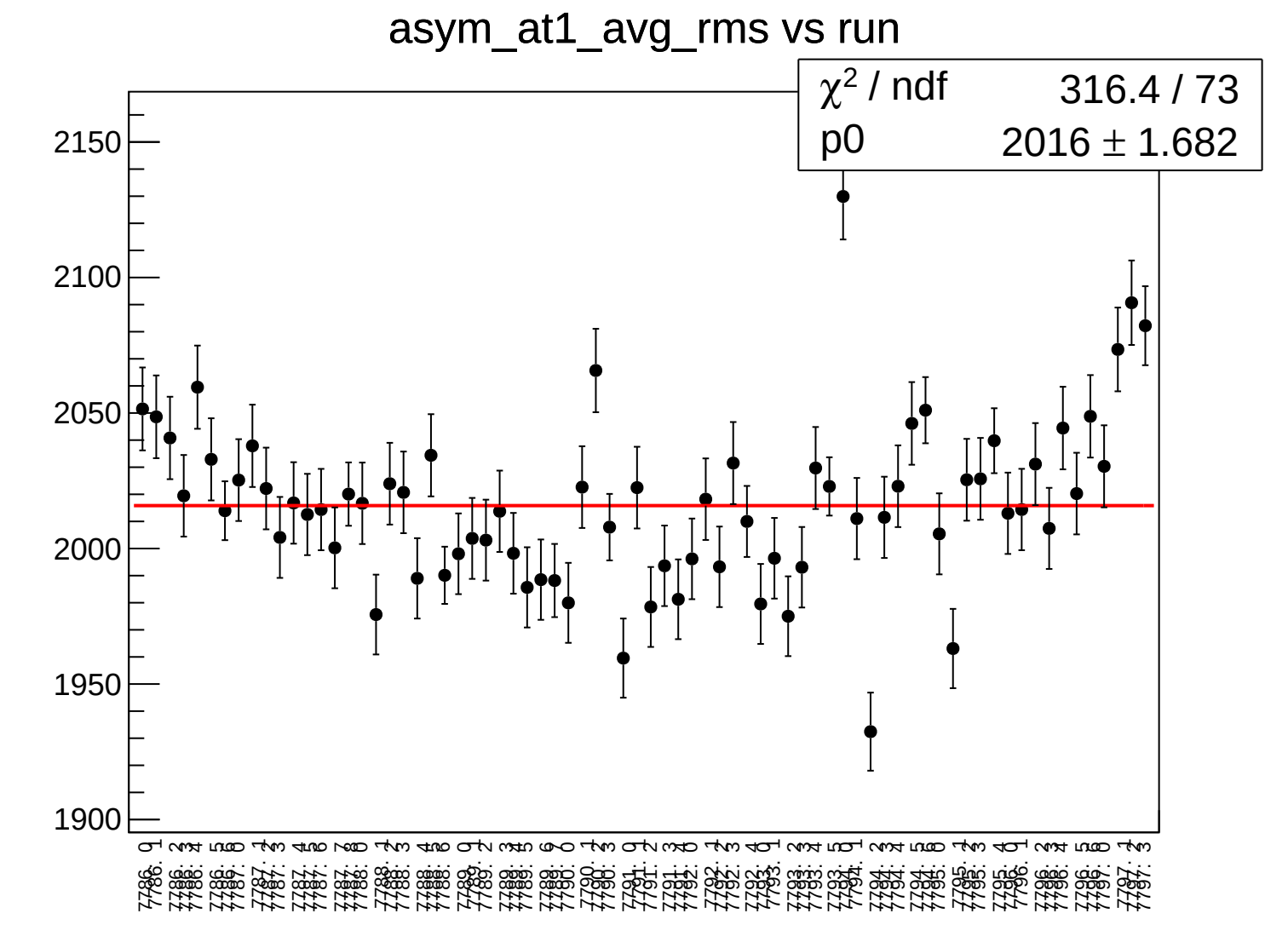

dit_asym_at1_avg_rms vs run
$\chi^2$ / ndf 85.23 / 73
p0 1813 ± 1.512
1860
1840
1820
1800
1780
1760

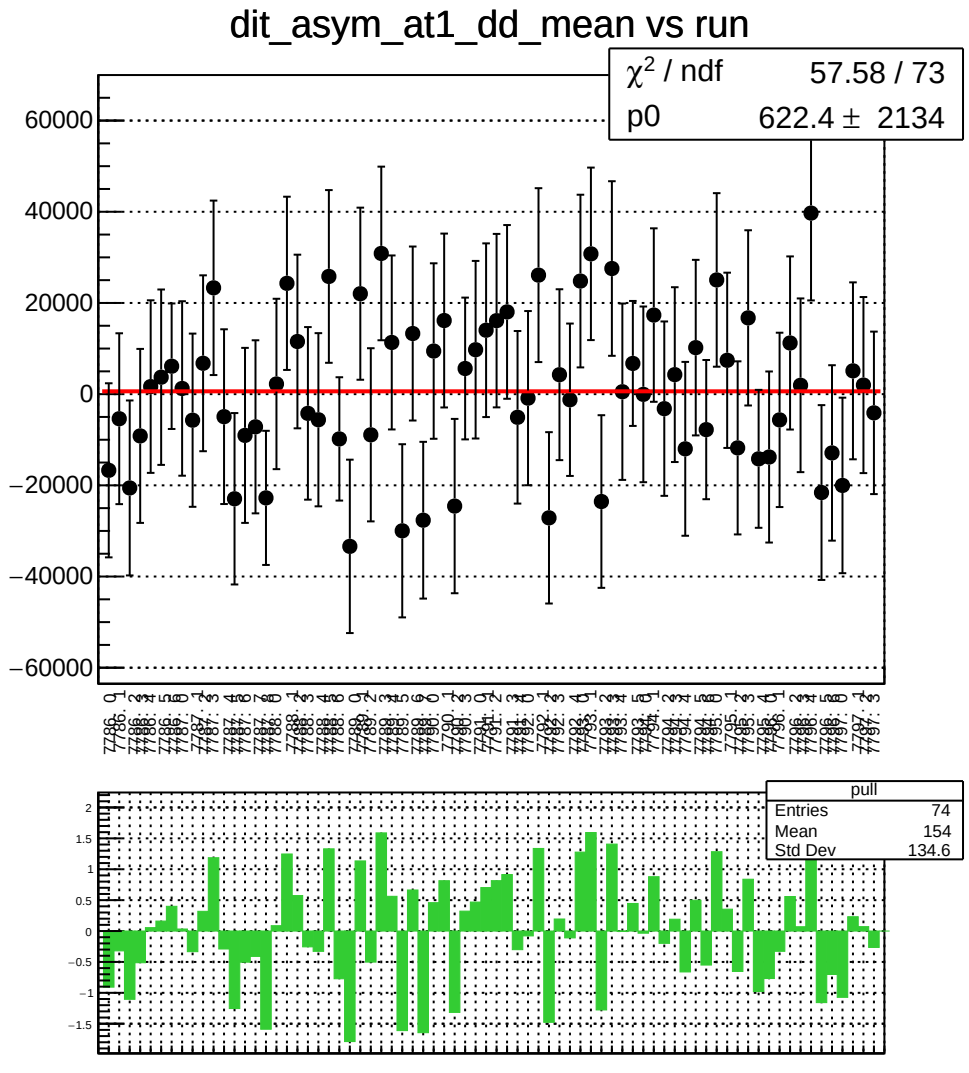

asym_at1_avg_correction_mean vs run
χ² / ndf 74.69 / 73
p0 −433.4 ± 1020
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 74
Mean −254.5
Std Dev 284.4
pull1D
Entries 74
Mean −0.01898
Std Dev 1.004

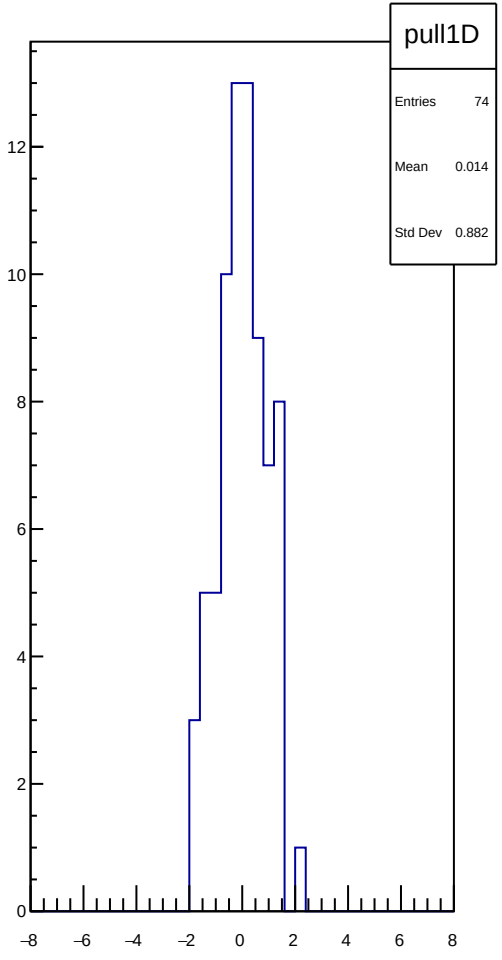

asym_at1_avg_correction_rms vs run
χ² / ndf 3160 / 73
p0 863.9 ± 0.7215
960
940
920
900
880
860
840
820
800
780
760

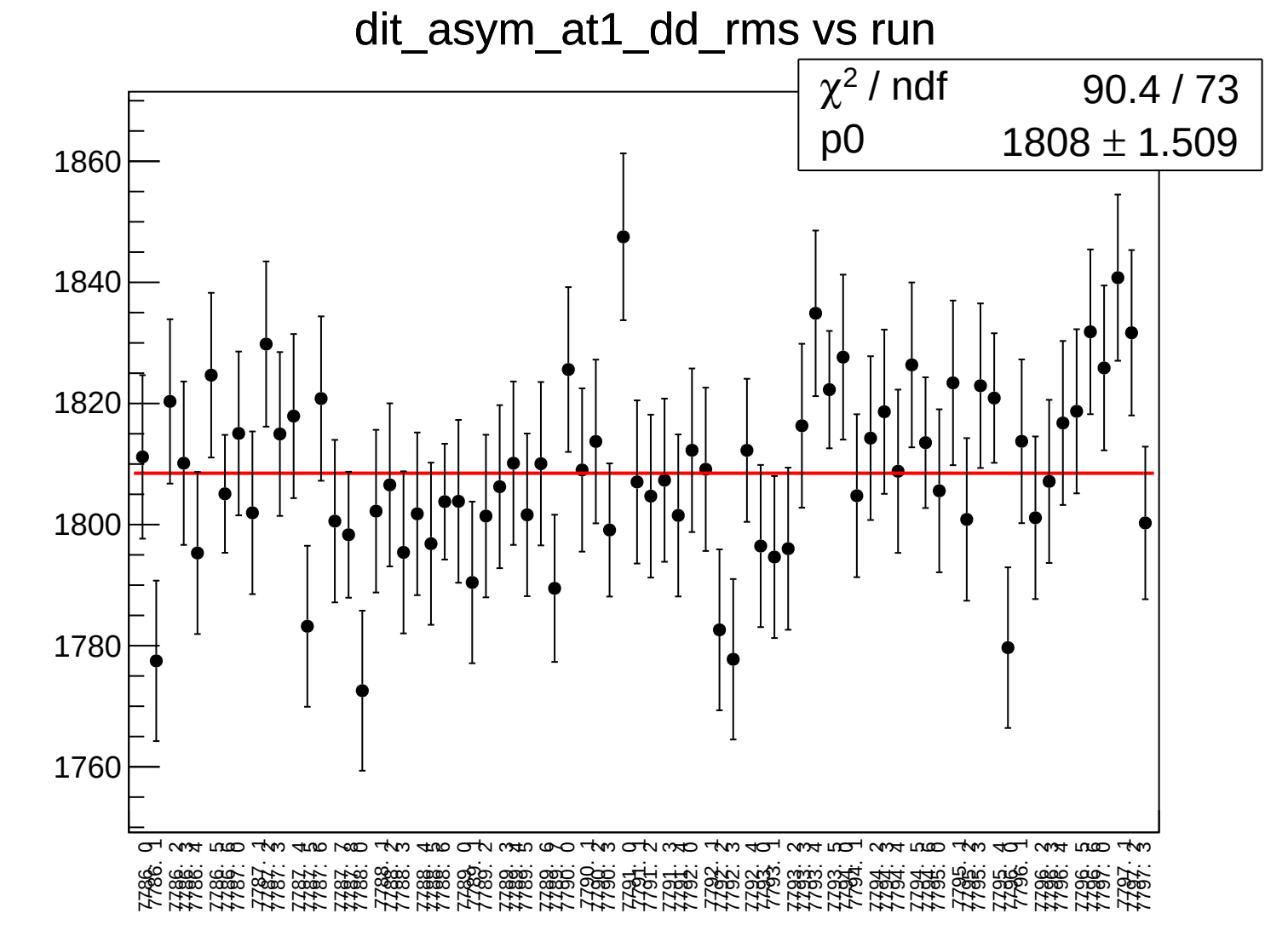

asym_at1_avg_mean vs run
χ² / ndf 85.25 / 73
p0 −4698 ± 2378
pull
Entries 74
Mean 1789
Std Dev 1794

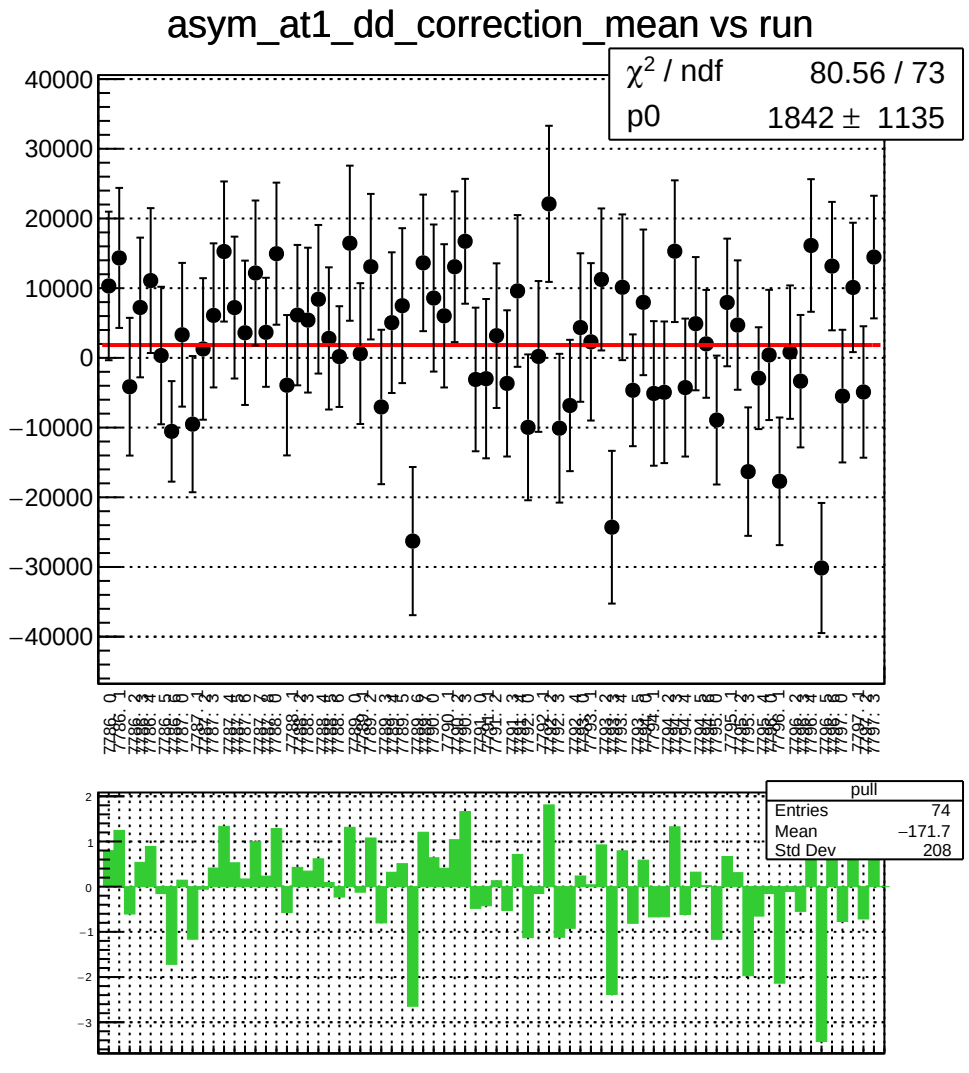

pull1D
Entries 74
Mean −0.000622
Std Dev 1.073

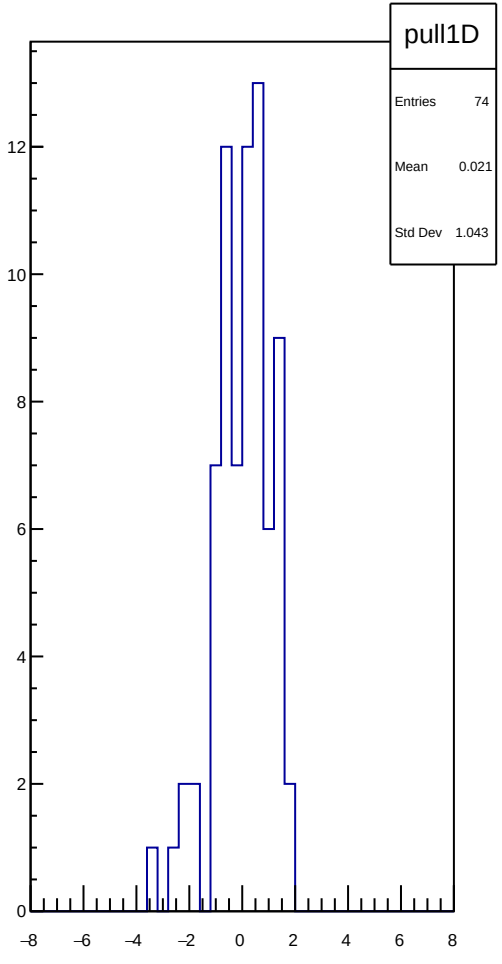

asym_at1_avg_rms vs run
$\chi^2$ / ndf 316.4 / 73
p0 2016 ± 1.682
2150
2100
2050
2000
1950
1900

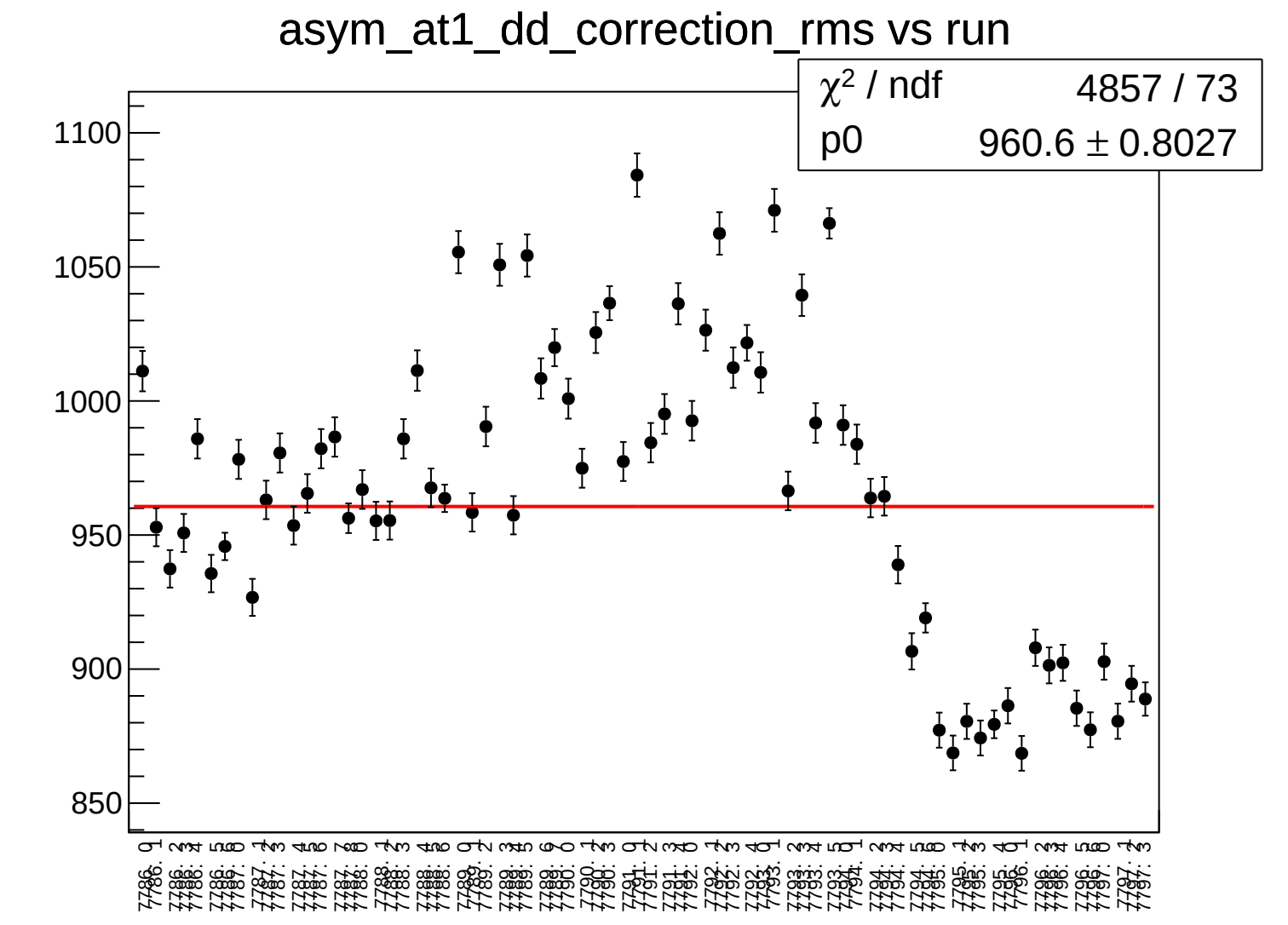

dit_asym_at1_dd_mean vs run
χ² / ndf 57.58 / 73
p0 622.4 ± 2134
pull
Entries 74
Mean 154
Std Dev 134.6

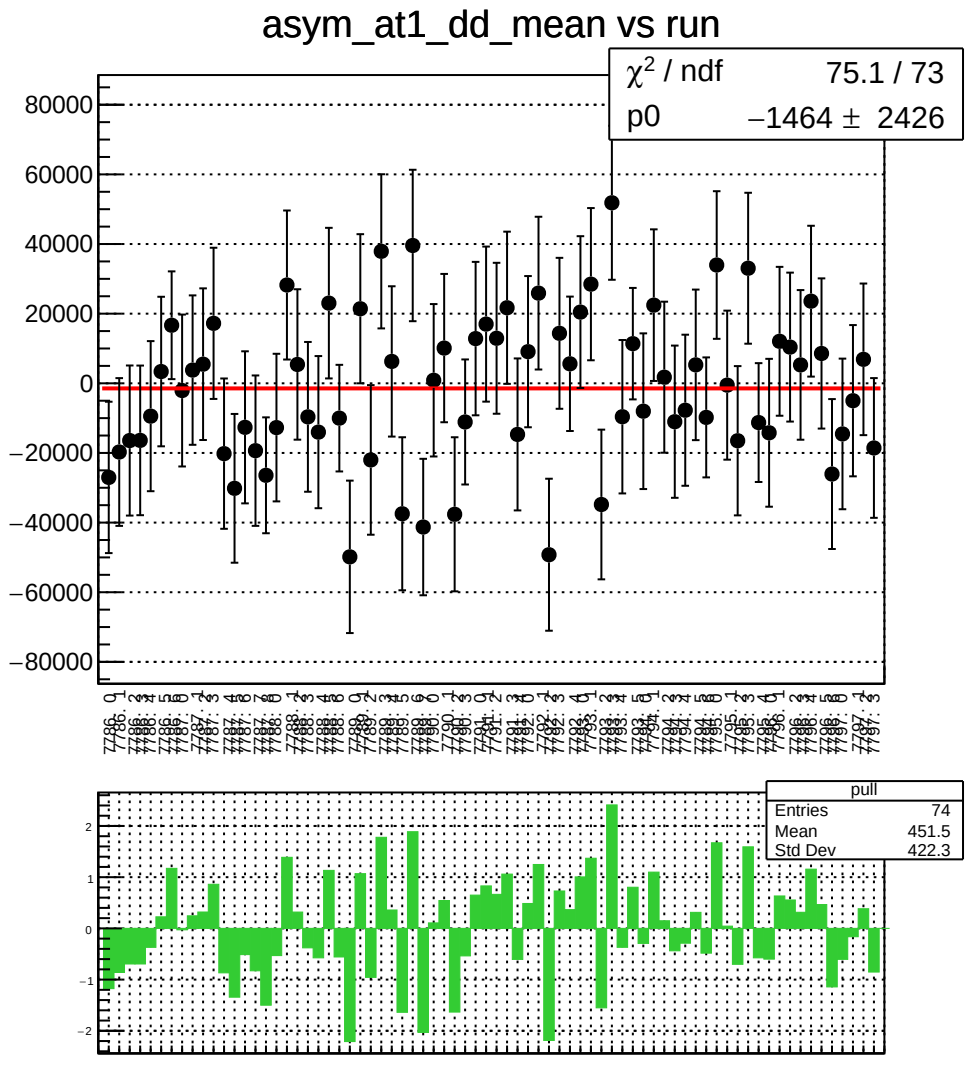

pull1D
Entries 74
Mean 0.014
Std Dev 0.882

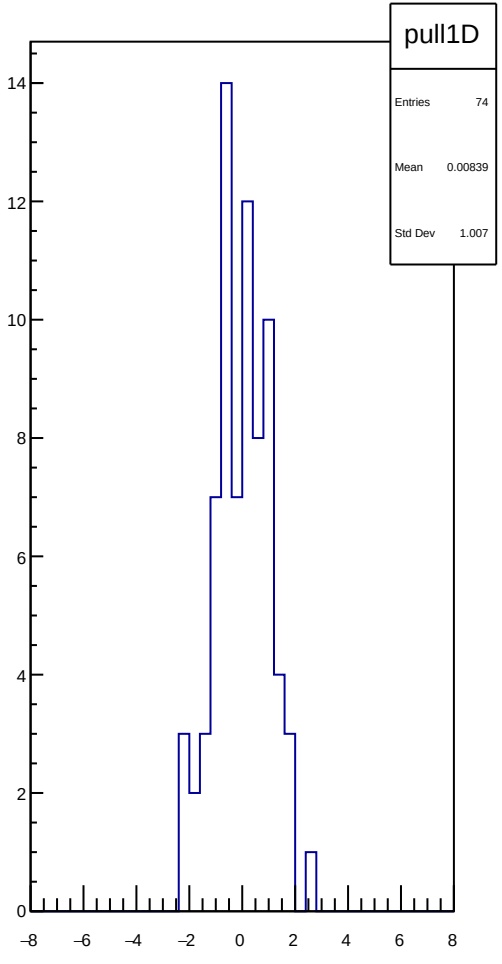

dit_asym_at1_dd_rms vs run
$\chi^2$ / ndf 90.4 / 73
p0 1808 ± 1.509
1860
1840
1820
1800
1780
1760

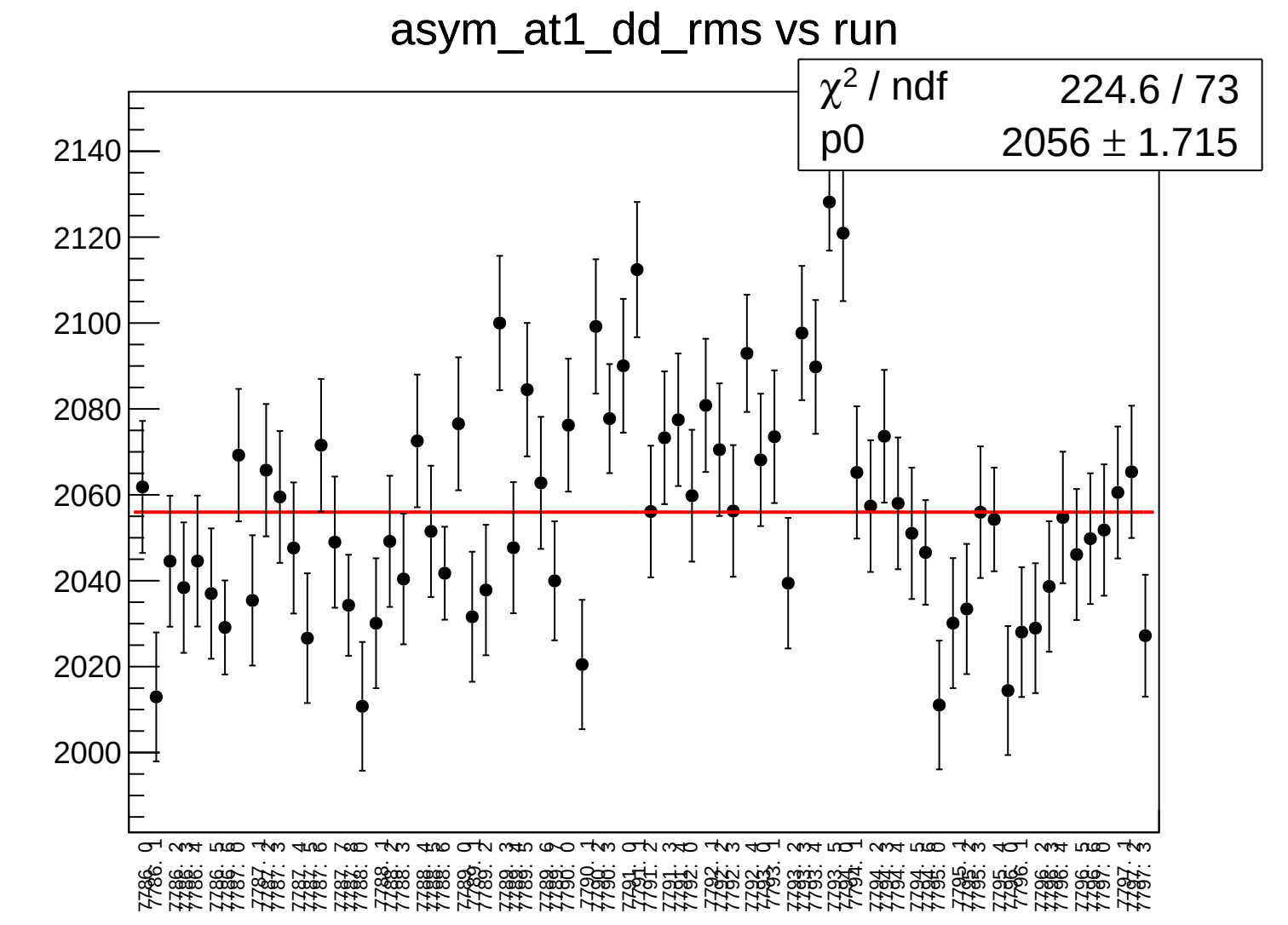

asym_at1_dd_correction_mean vs run
χ² / ndf 80.56 / 73
p0 1842 ± 1135
pull
Entries 74
Mean −171.7
Std Dev 208

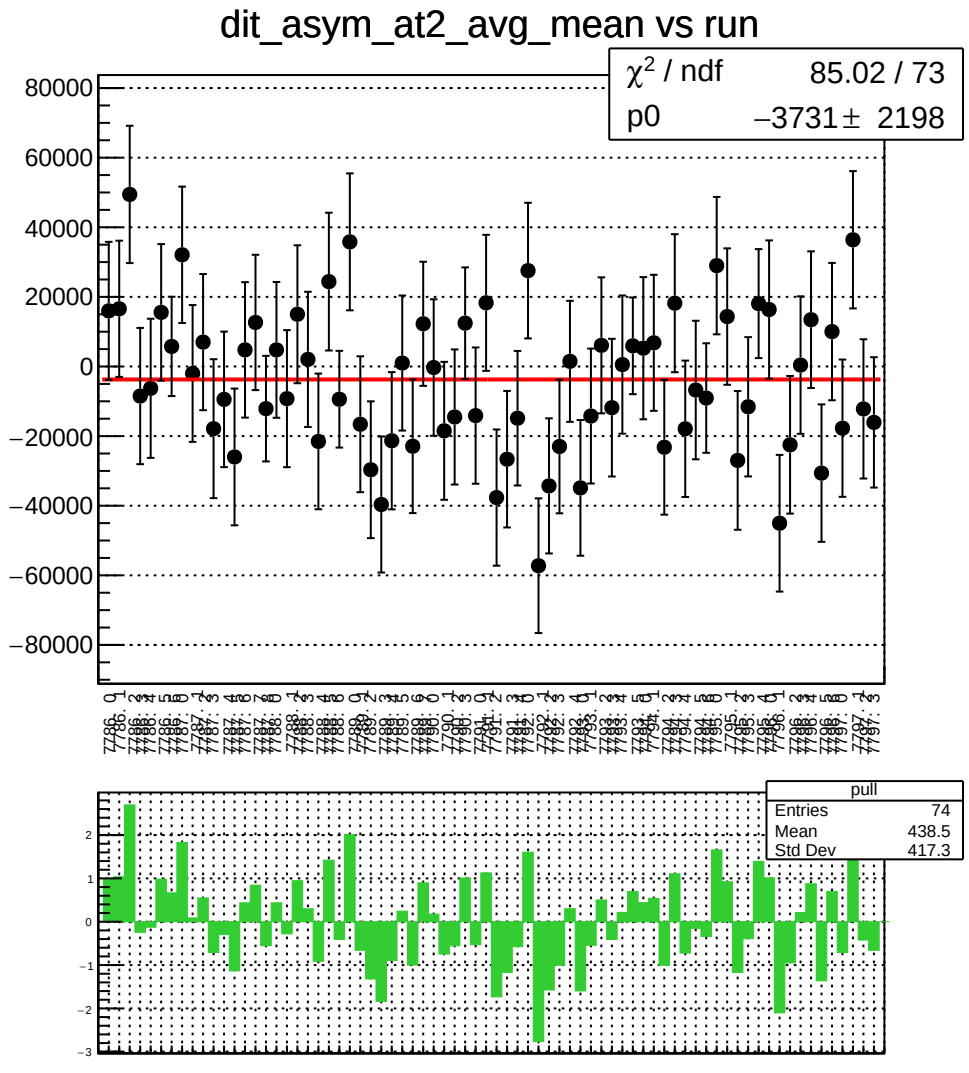

pull1D
Entries 74
Mean 0.021
Std Dev 1.043

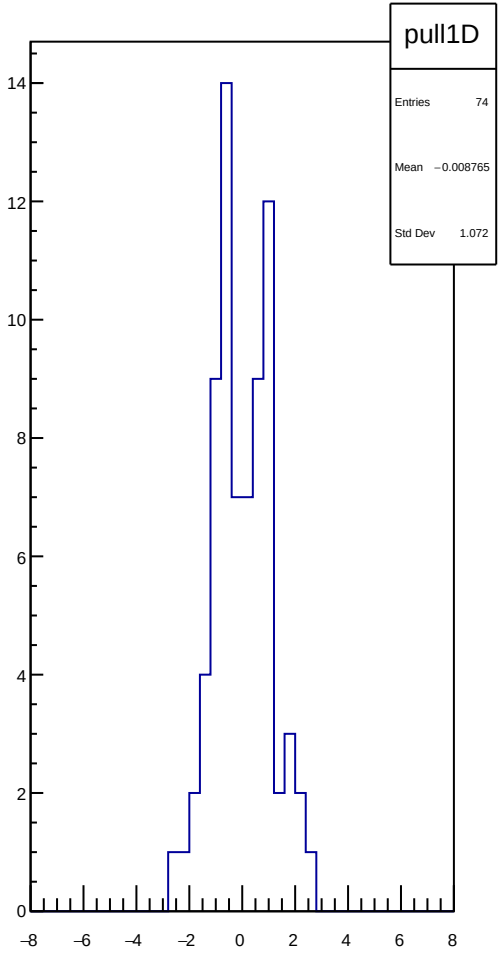

asym_at1_dd_correction_rms vs run
χ² / ndf 4857 / 73
p0 960.6 ± 0.8027
1100
1050
1000
950
900
850

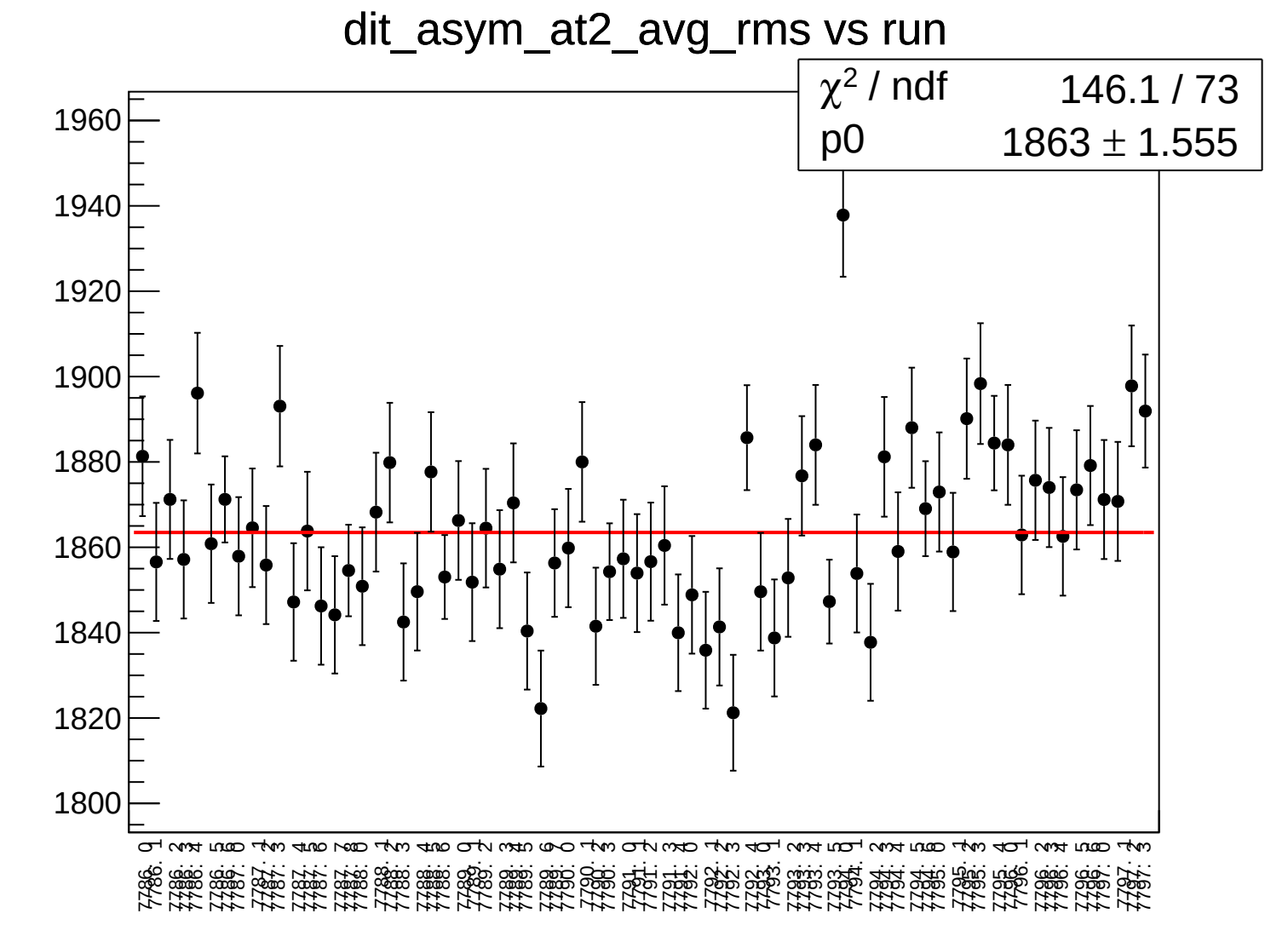

asym_at1_dd_mean vs run
χ² / ndf 75.1 / 73
p0 −1464 ± 2426
80000
60000
40000
20000
0
−20000
−40000
−60000
−80000
pull
Entries 74
Mean 451.5
Std Dev 422.3
2
1
0
−1
−2

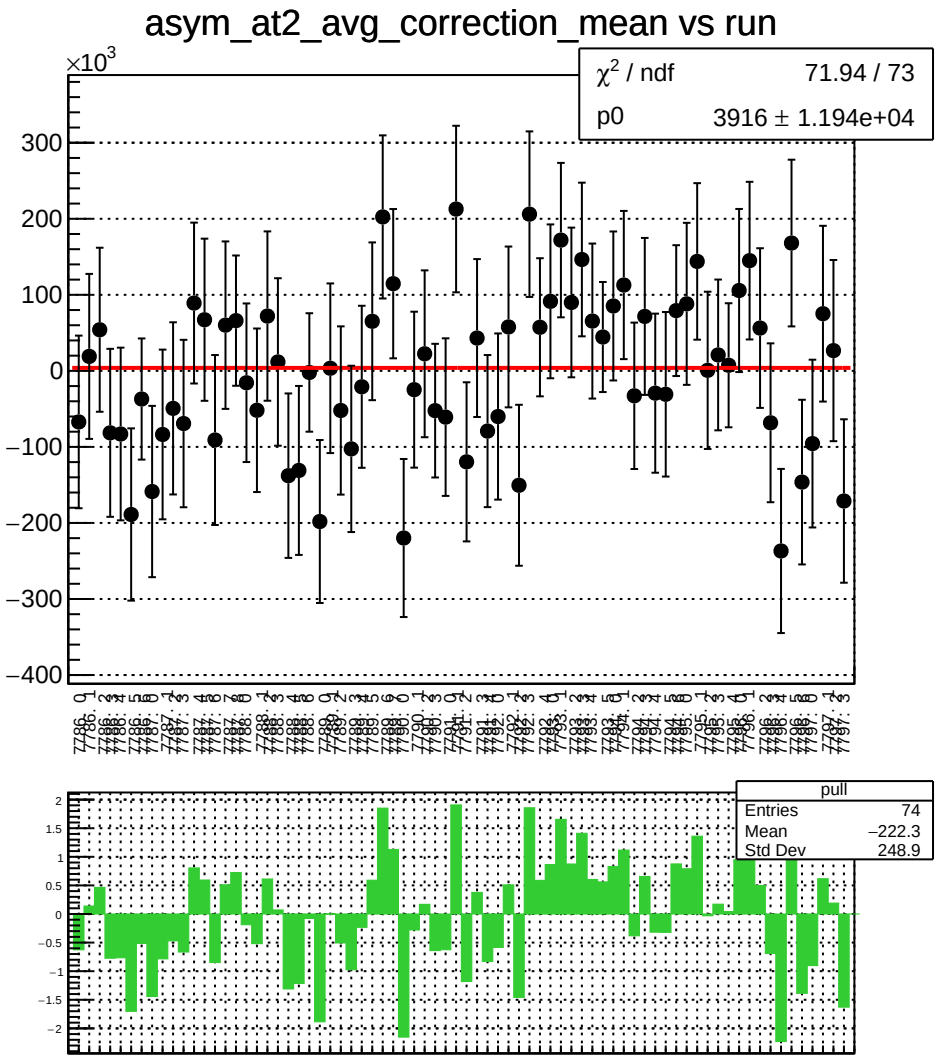

pull1D
Entries 74
Mean 0.00839
Std Dev 1.007
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

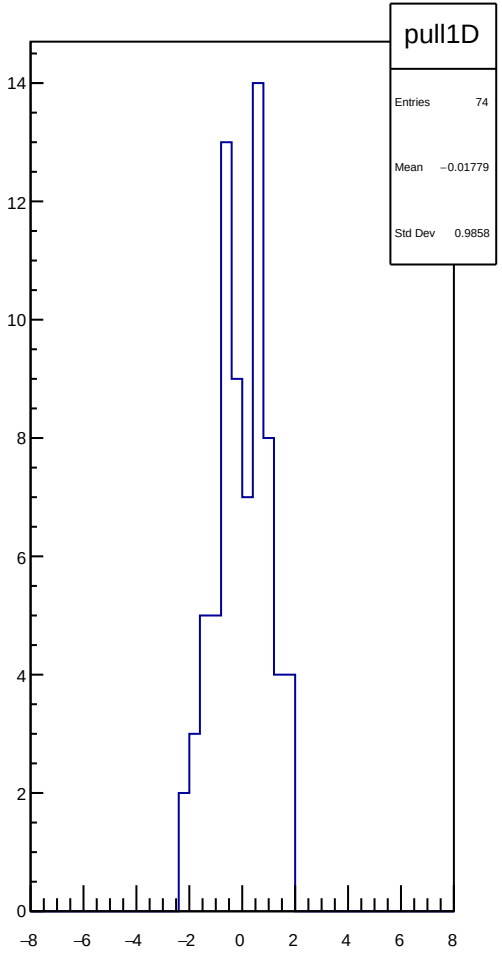

asym_at1_dd_rms vs run
χ² / ndf 224.6 / 73
p0 2056 ± 1.715
2140
2120
2100
2080
2060
2040
2020
2000

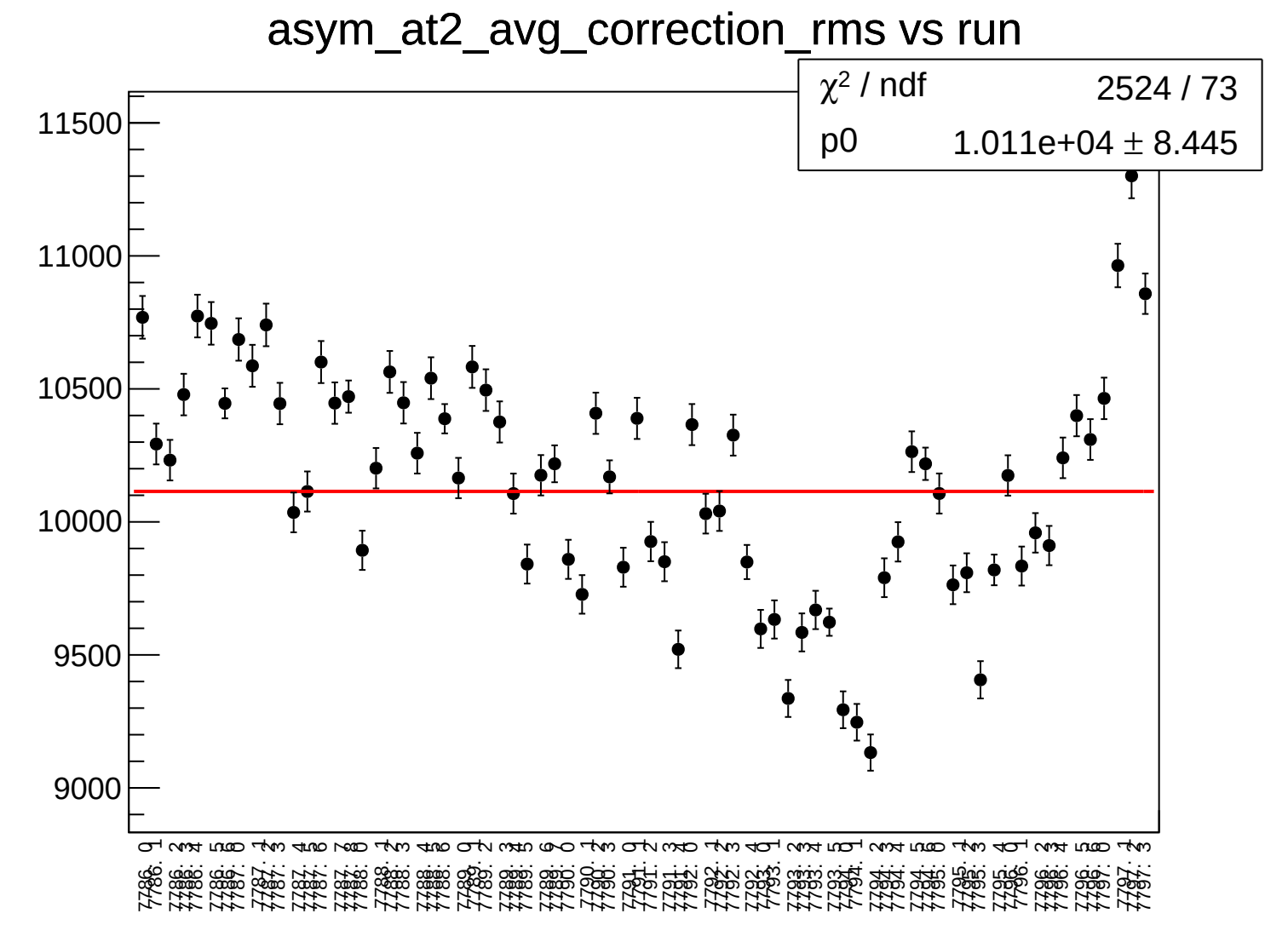

dit_asym_at2_avg_mean vs run
χ² / ndf 85.02 / 73
p0 −3731 ± 2198
pull
Entries 74
Mean 438.5
Std Dev 417.3

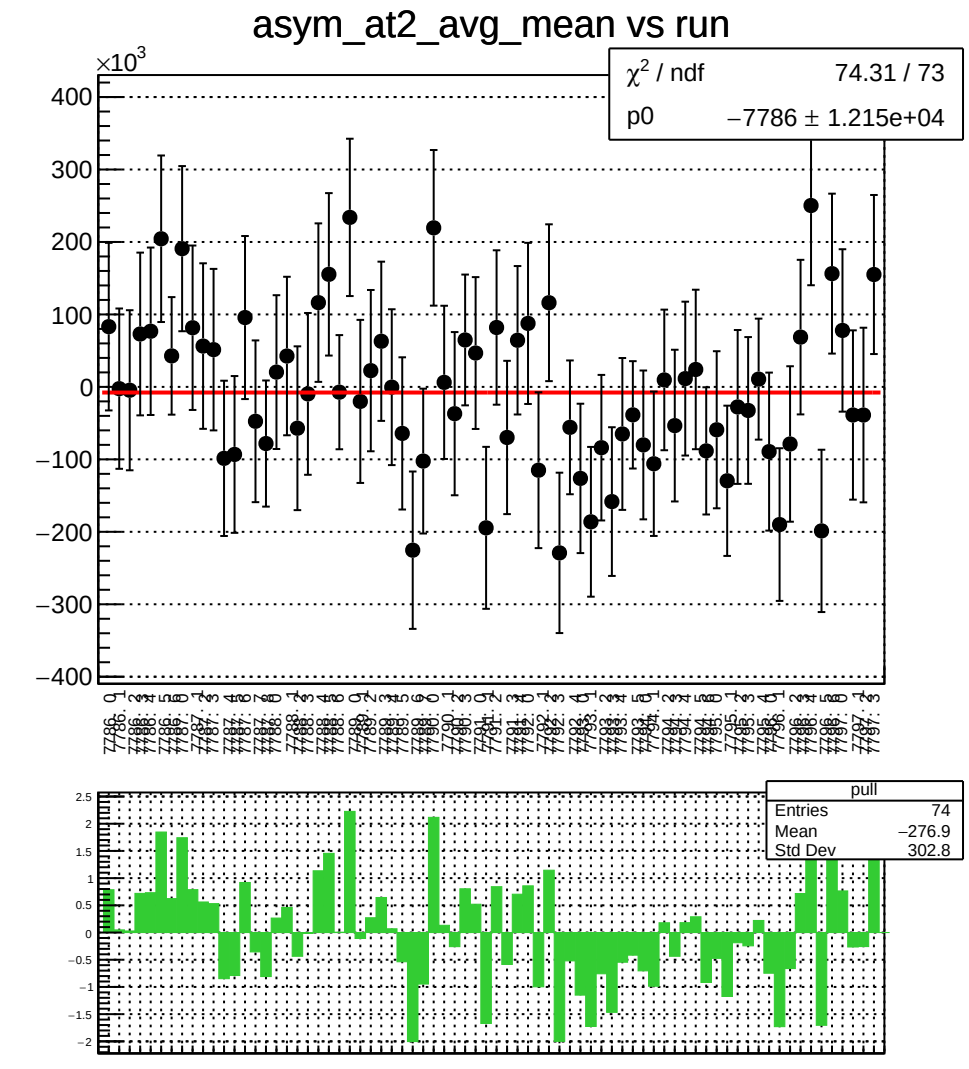

pull1D
Entries 74
Mean −0.008765
Std Dev 1.072

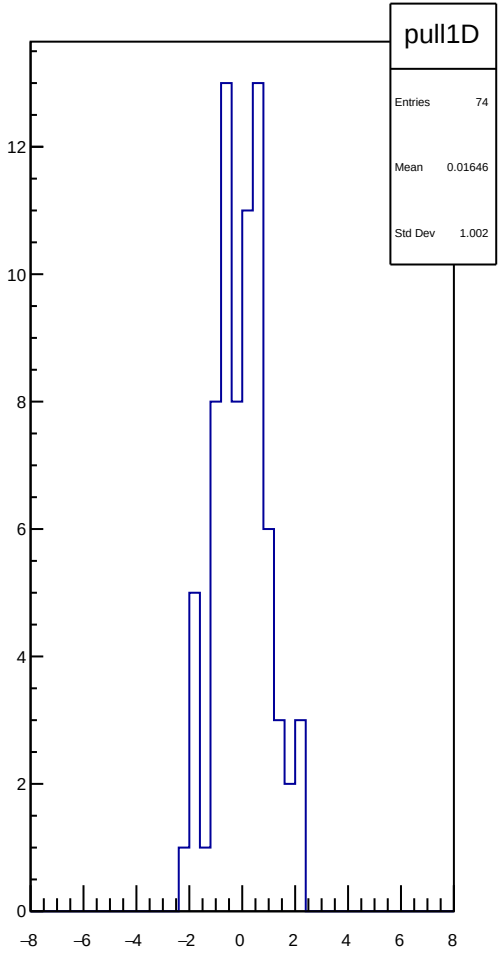

dit_asym_at2_avg_rms vs run
χ² / ndf 146.1 / 73
p0 1863 ± 1.555
1960
1940
1920
1900
1880
1860
1840
1820
1800

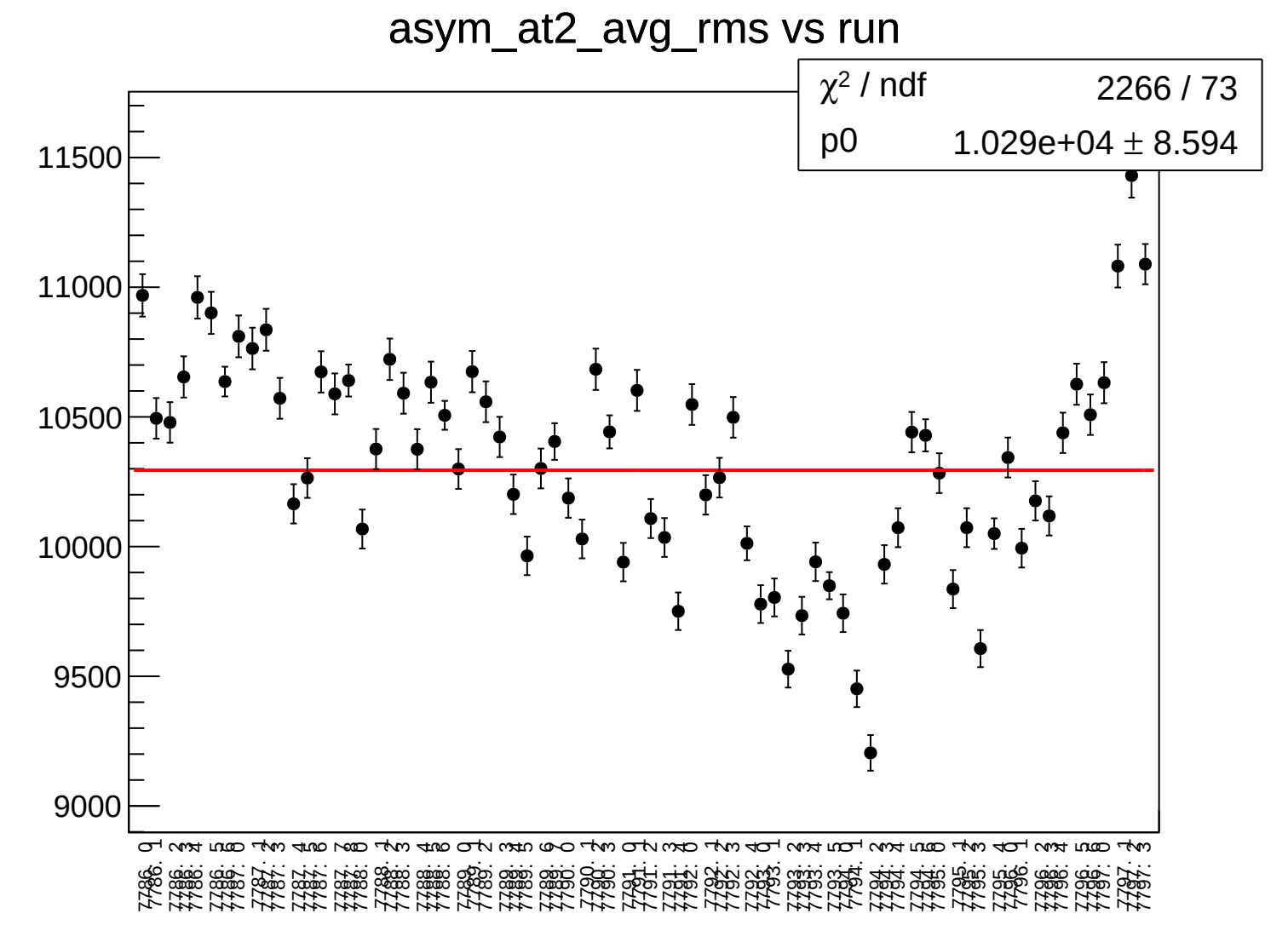

asym_at2_avg_correction_mean vs run
×10^3
χ² / ndf 71.94 / 73
p0 3916 ± 1.194e+04
pull
Entries 74
Mean −222.3
Std Dev 248.9

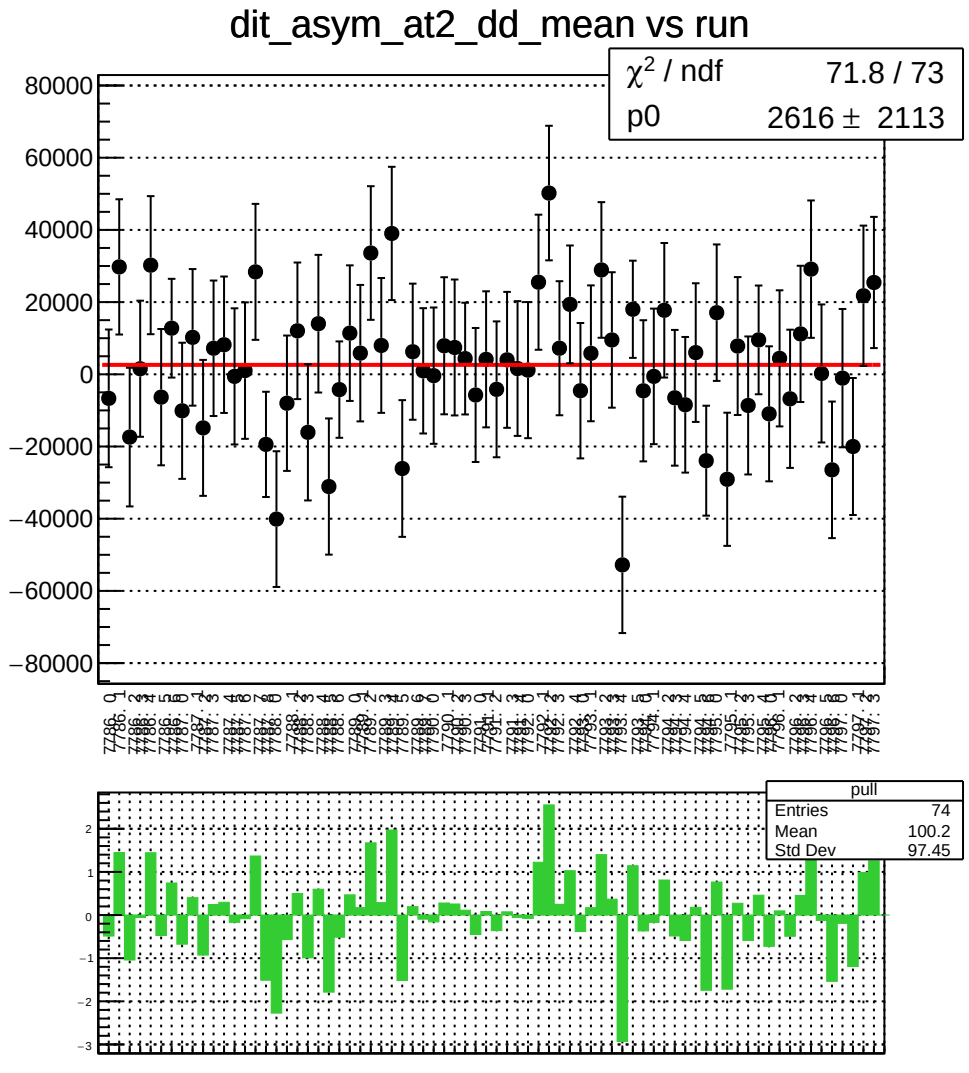

pull1D
Entries 74
Mean −0.01779
Std Dev 0.9858

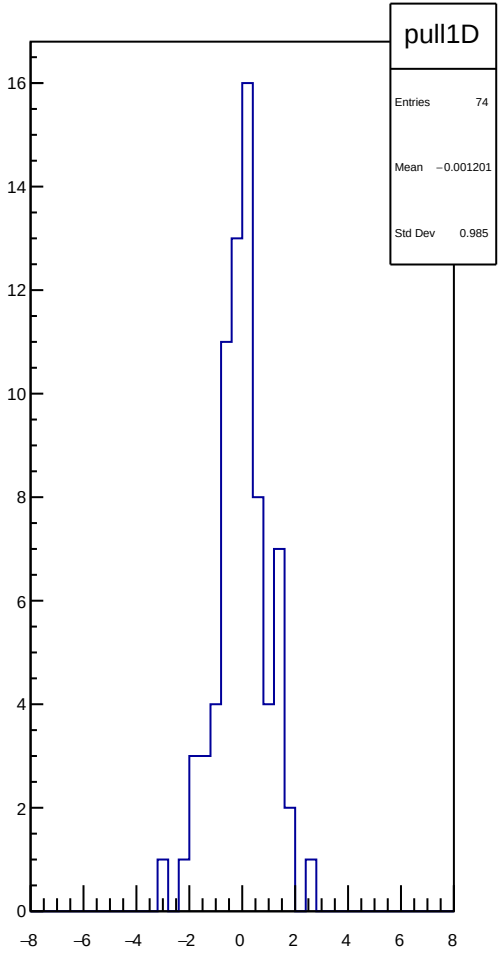

asym_at2_avg_correction_rms vs run
χ² / ndf 2524 / 73
p0 1.011e+04 ± 8.445
11500
11000
10500
10000
9500
9000

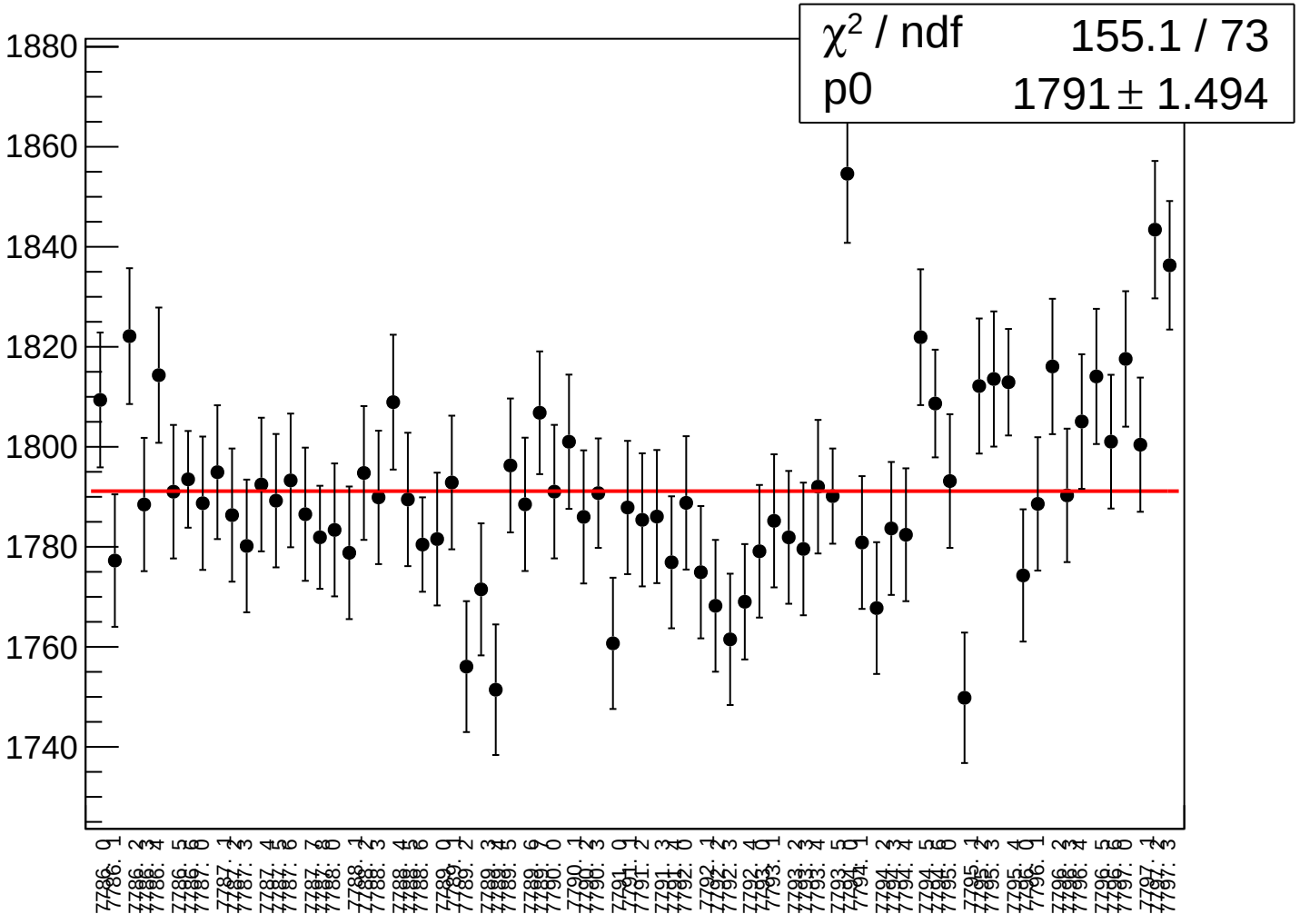

asym_at2_avg_mean vs run
×10^3
χ² / ndf 74.31 / 73
p0 −7786 ± 1.215e+04
pull
Entries 74
Mean −276.9
Std Dev 302.8

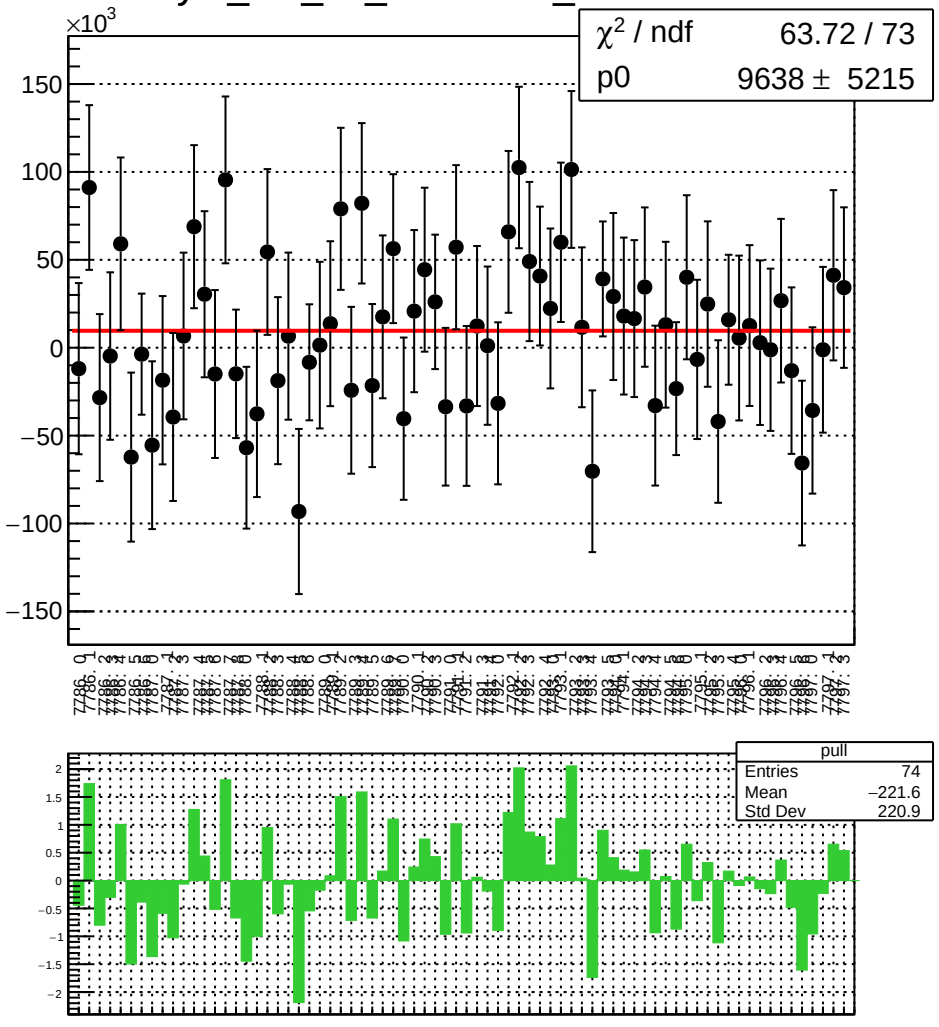

pull1D
Entries 74
Mean 0.01646
Std Dev 1.002

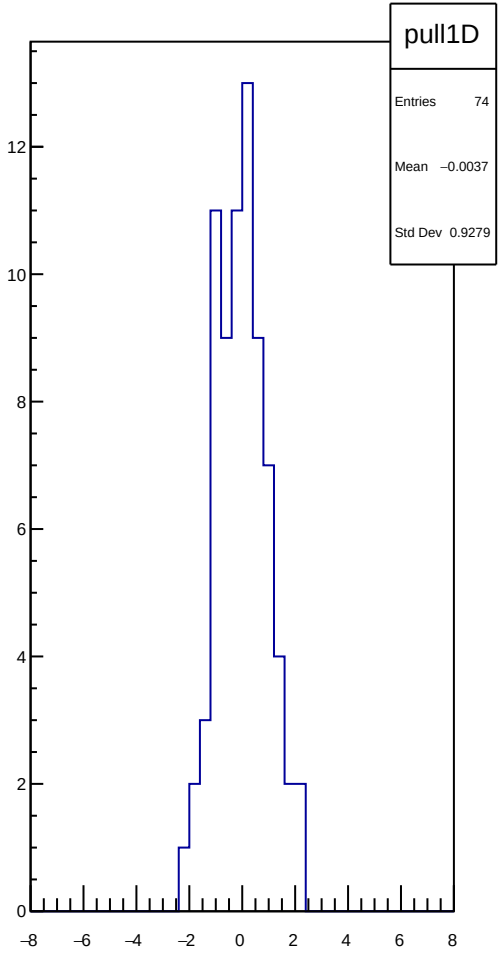

asym_at2_avg_rms vs run
χ² / ndf 2266 / 73
p0 1.029e+04 ± 8.594
11500
11000
10500
10000
9500
9000

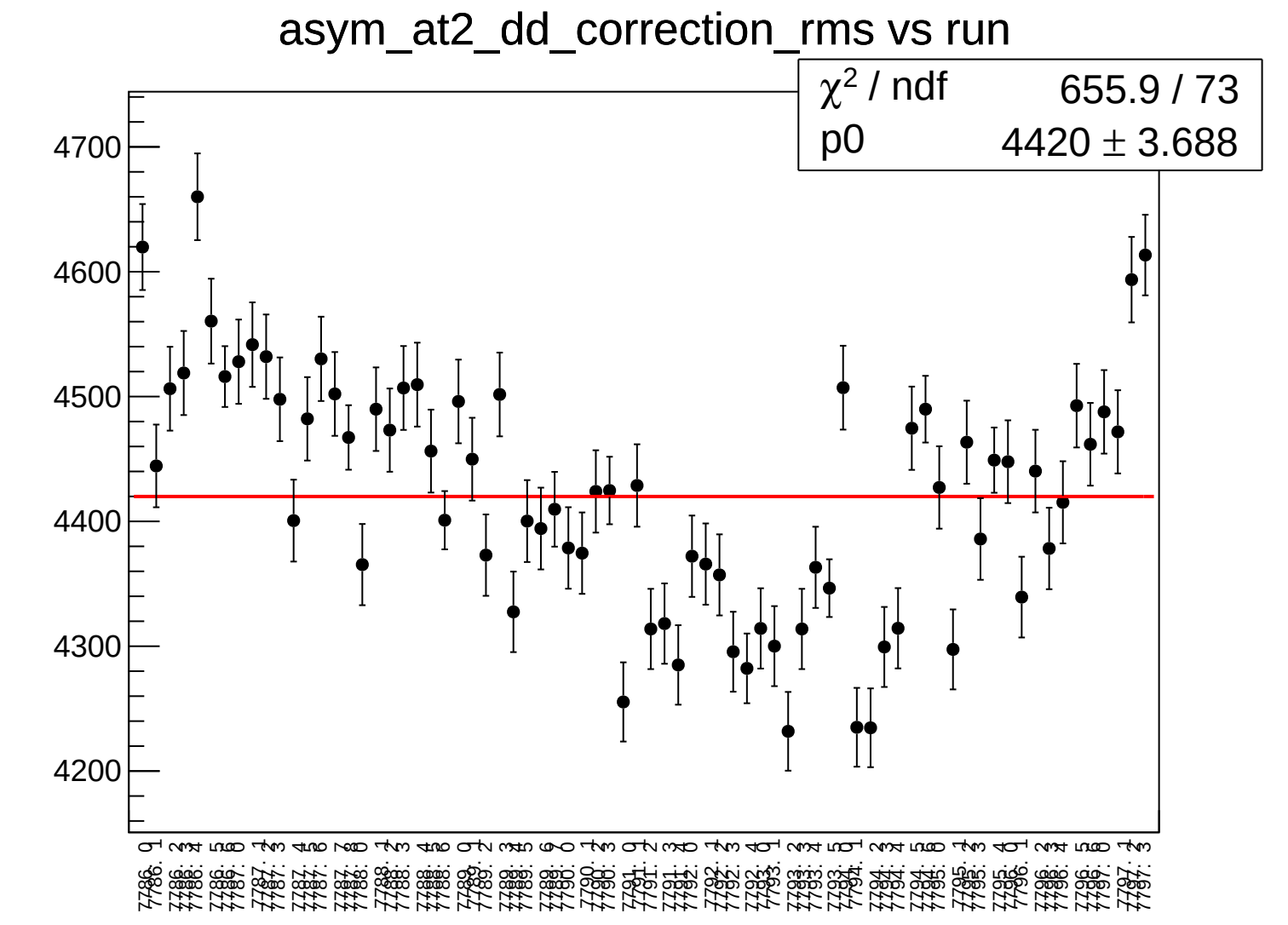

dit_asym_at2_dd_mean vs run
χ² / ndf 71.8 / 73
p0 2616 ± 2113
pull
Entries 74
Mean 100.2
Std Dev 97.45

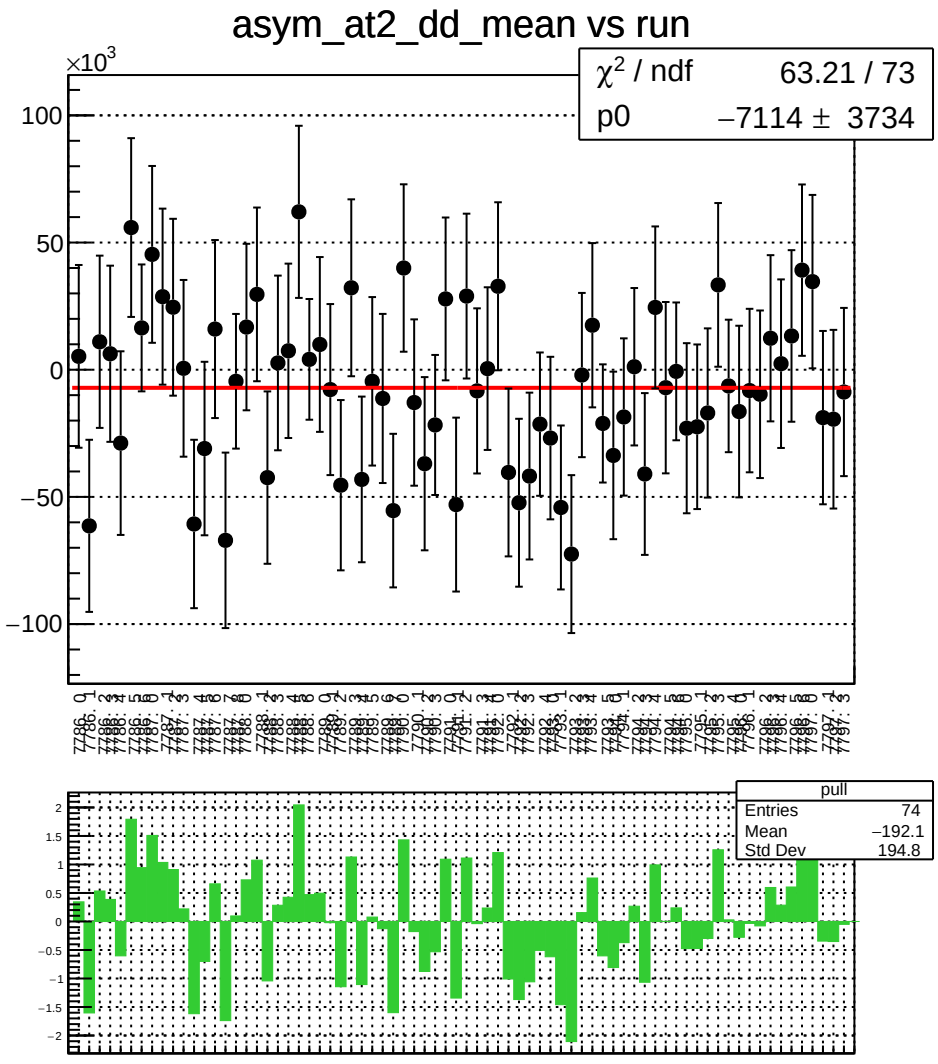

pull1D
Entries 74
Mean −0.001201
Std Dev 0.985

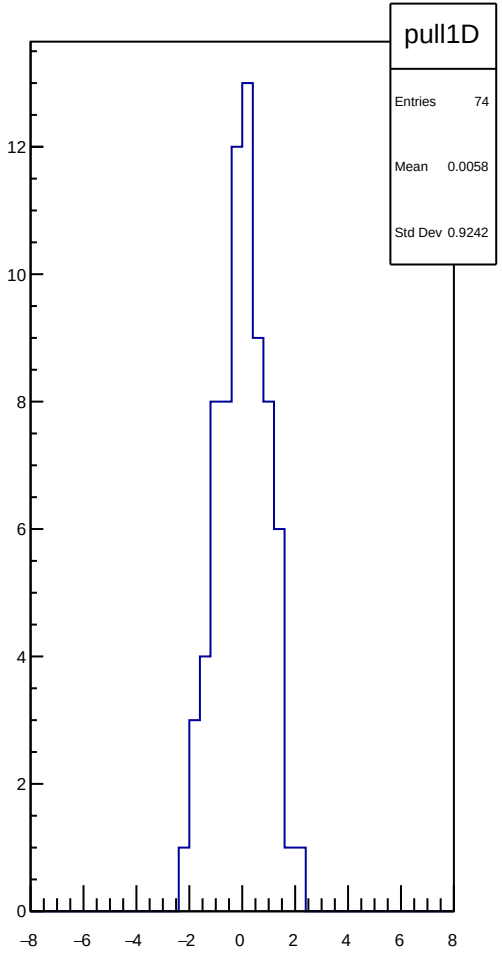

dit_asym_at2_dd_rms vs run
χ² / ndf 155.1 / 73
p0 1791 ± 1.494
1880
1860
1840
1820
1800
1780
1760
1740

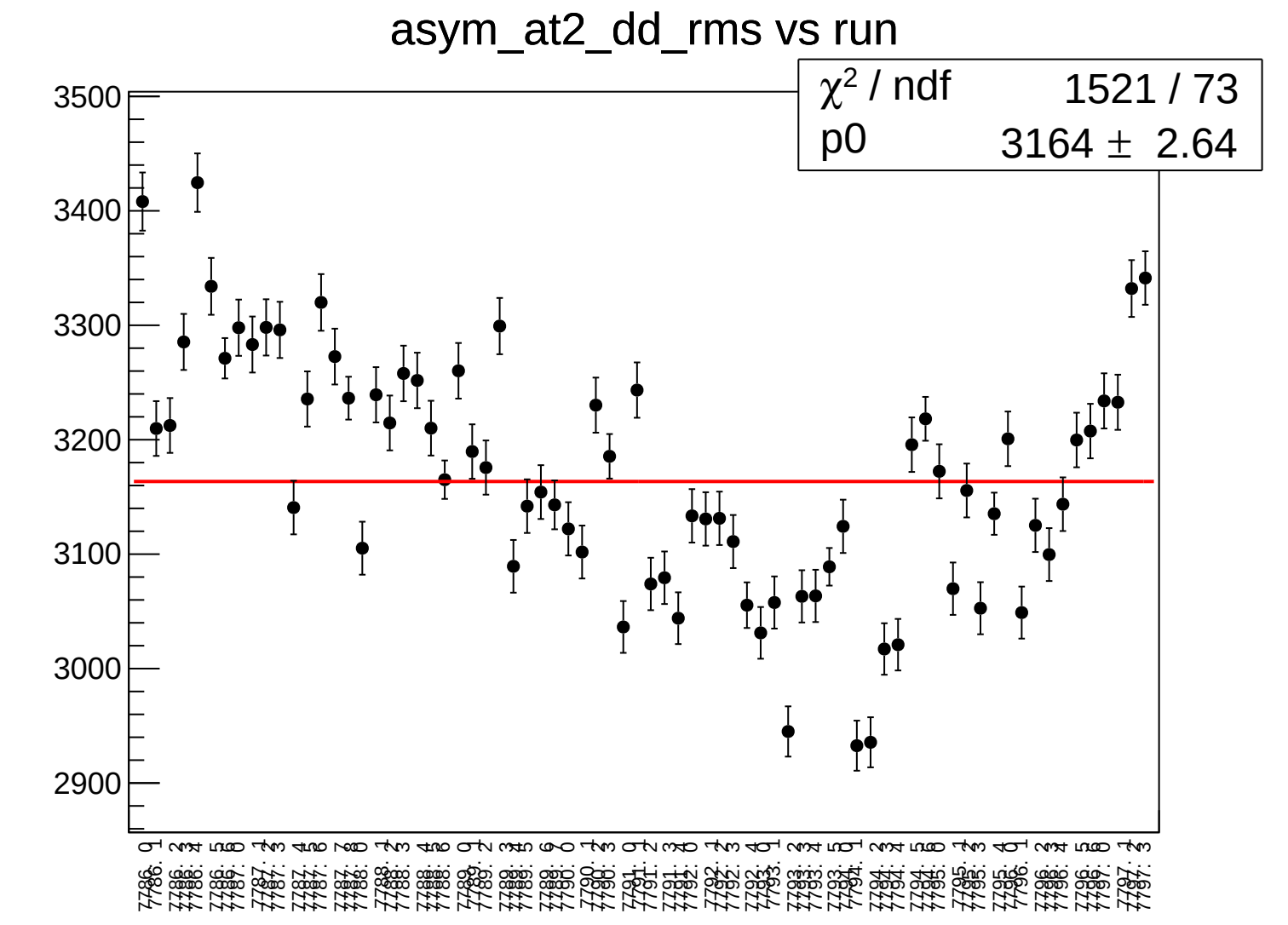

asym_at2_dd_correction_mean vs run
×10^3
χ² / ndf 63.72 / 73
p0 9638 ± 5215
150
100
50
0
−50
−100
−150
pull
Entries 74
Mean −221.6
Std Dev 220.9
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

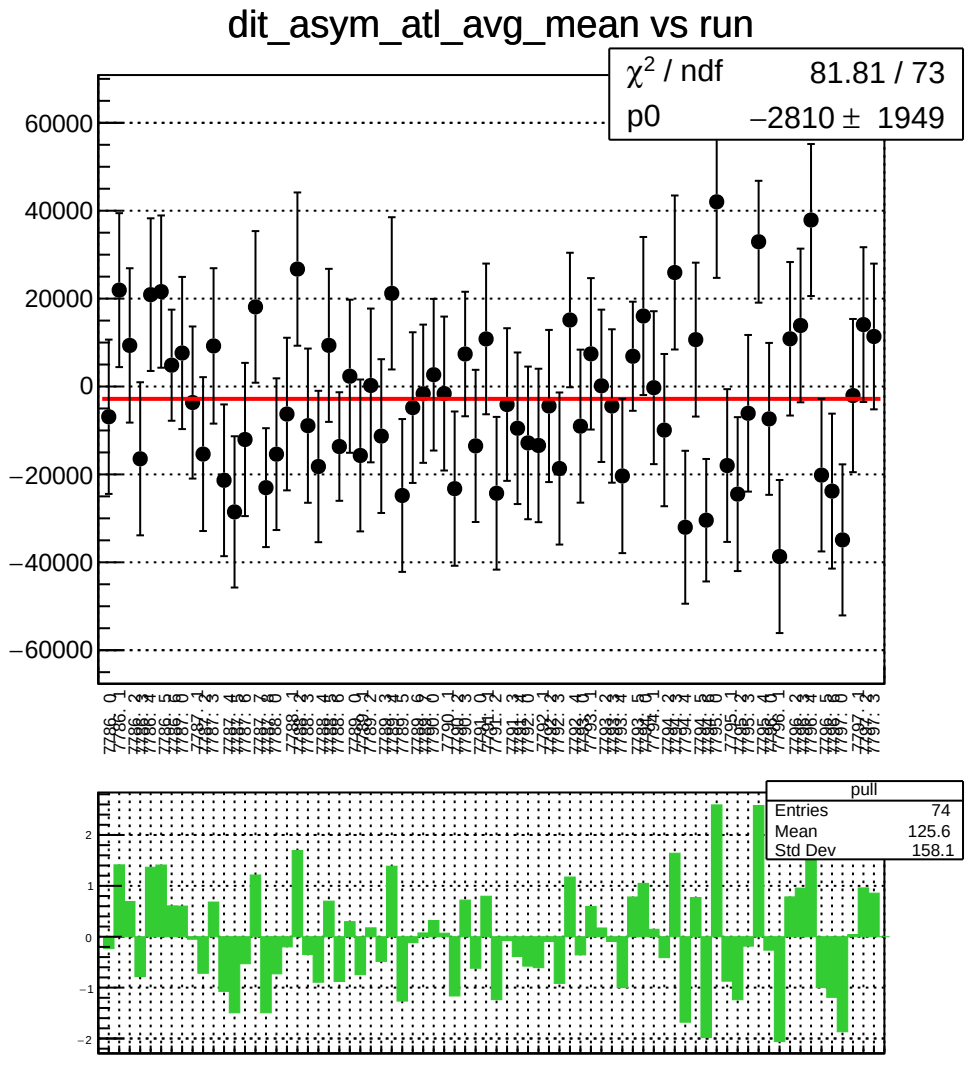

pull1D
Entries 74
Mean −0.0037
Std Dev 0.9279
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

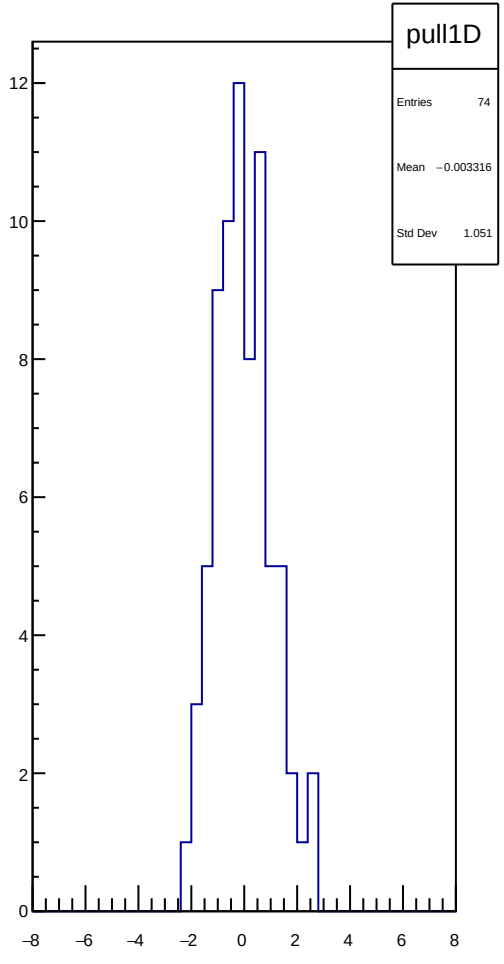

asym_at2_dd_correction_rms vs run
χ² / ndf 655.9 / 73
p0 4420 ± 3.688
4700
4600
4500
4400
4300
4200

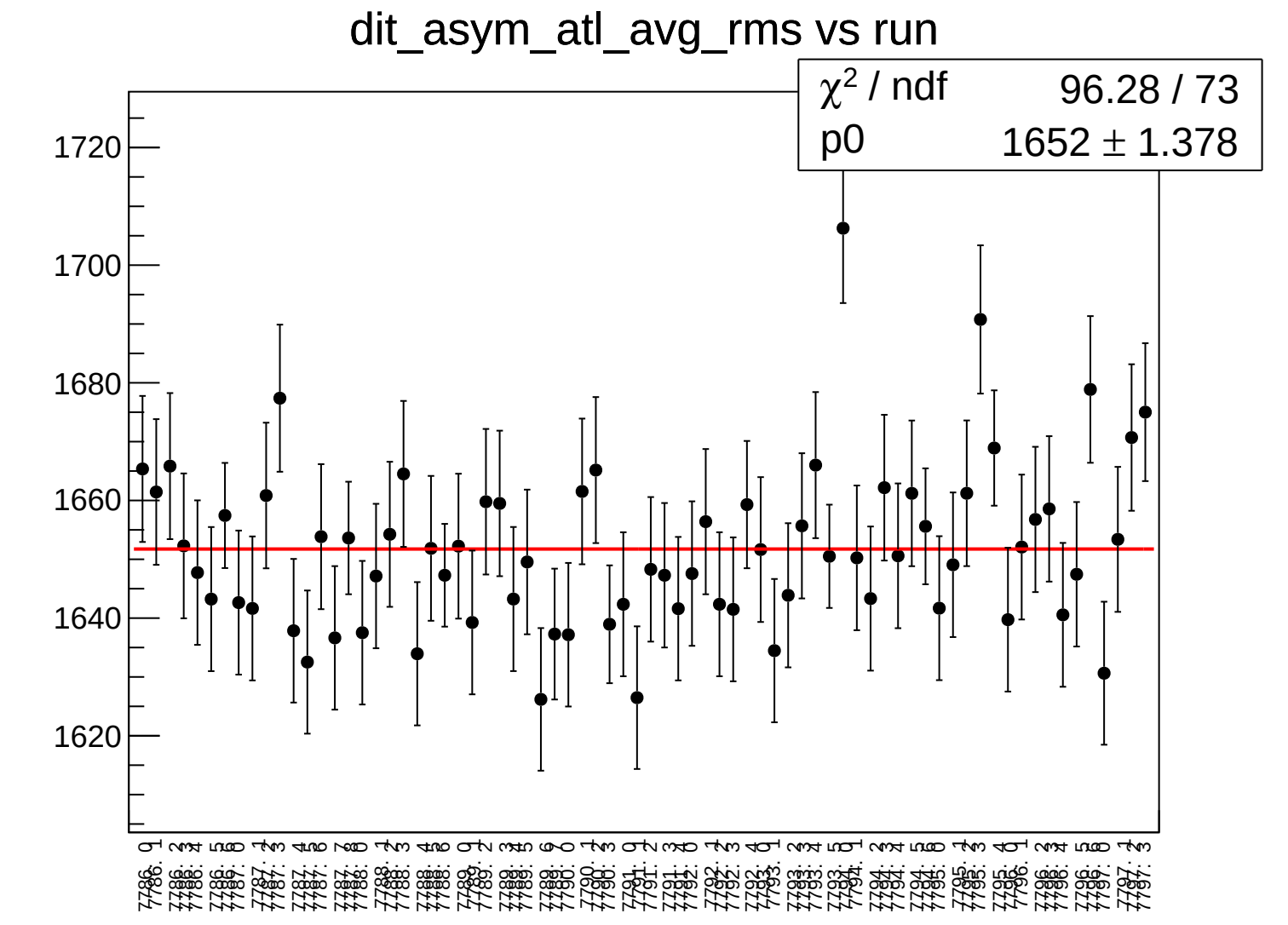

asym_at2_dd_mean vs run
×10^3
χ² / ndf 63.21 / 73
p0 −7114 ± 3734
100
50
0
−50
−100
pull
Entries 74
Mean −192.1
Std Dev 194.8
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

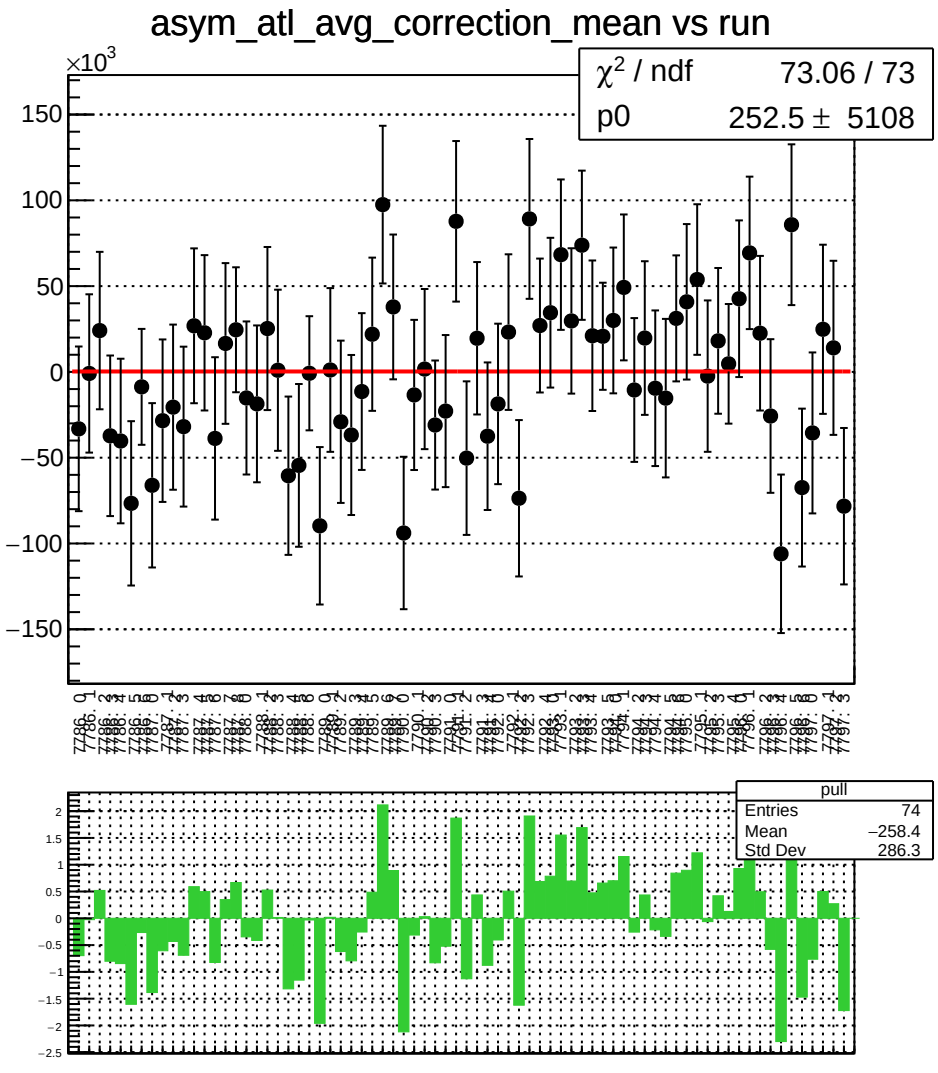

pull1D
Entries 74
Mean 0.0058
Std Dev 0.9242
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

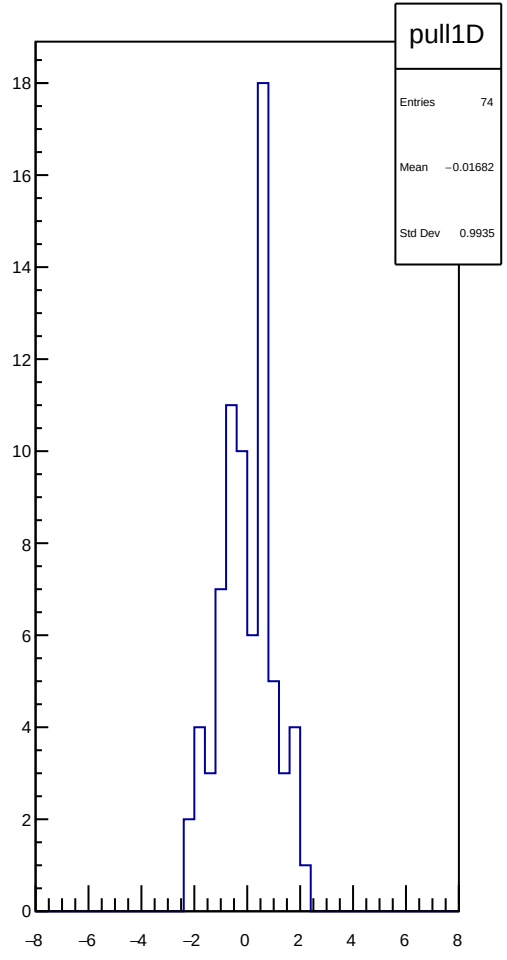

asym_at2_dd_rms vs run
χ² / ndf 1521 / 73
p0 3164 ± 2.64
3500
3400
3300
3200
3100
3000
2900

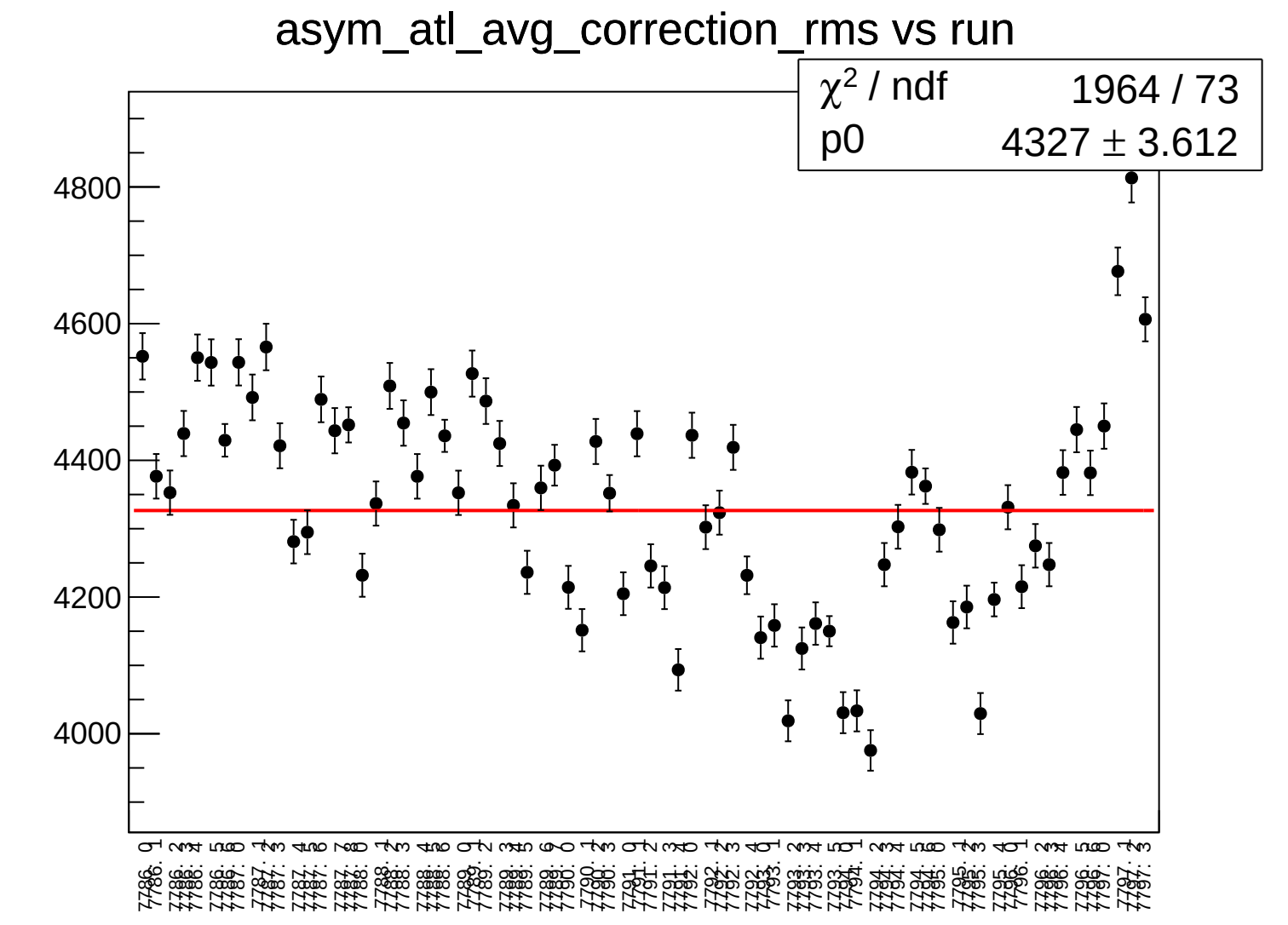

dit_asym_atl_avg_mean vs run
χ² / ndf 81.81 / 73
p0 −2810 ± 1949
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 74
Mean 125.6
Std Dev 158.1
2
1
0
−1
−2

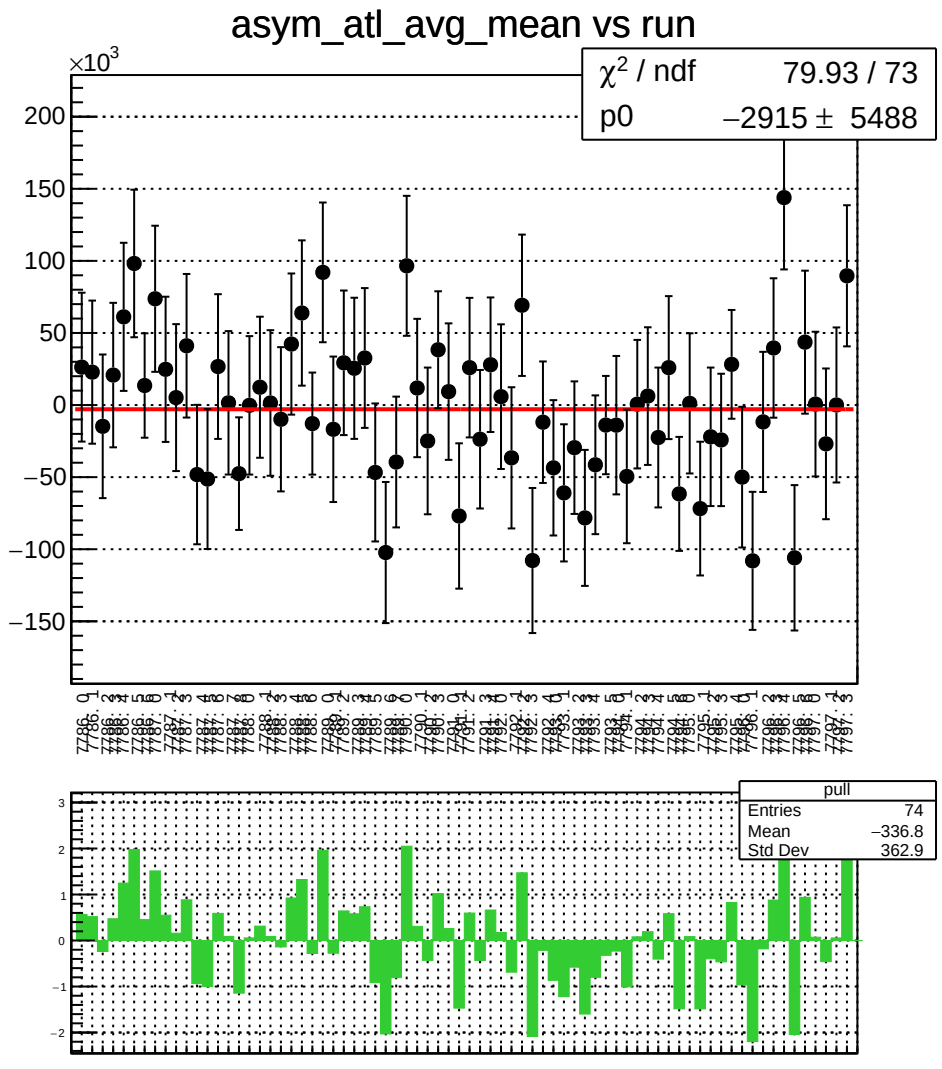

pull1D
Entries 74
Mean −0.003316
Std Dev 1.051
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

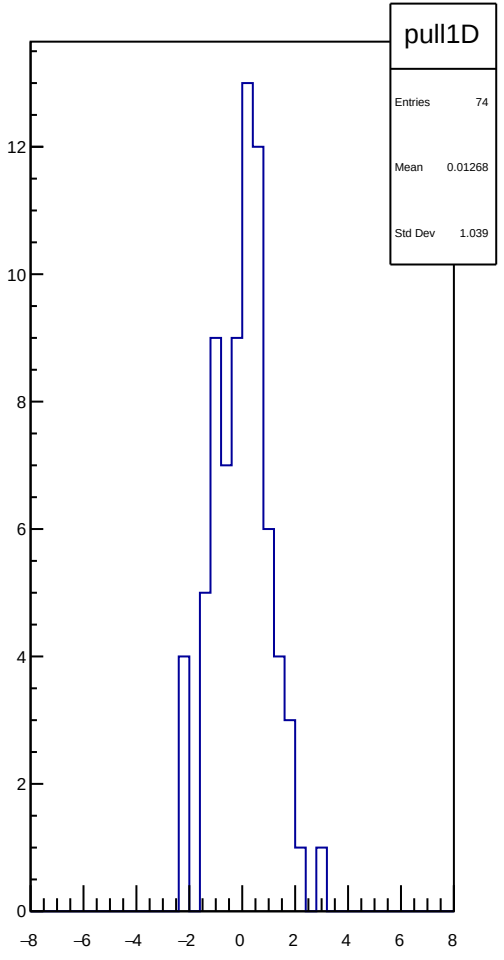

dit_asym_atl_avg_rms vs run
$\chi^2$ / ndf 96.28 / 73
p0 1652 ± 1.378
1720
1700
1680
1660
1640
1620

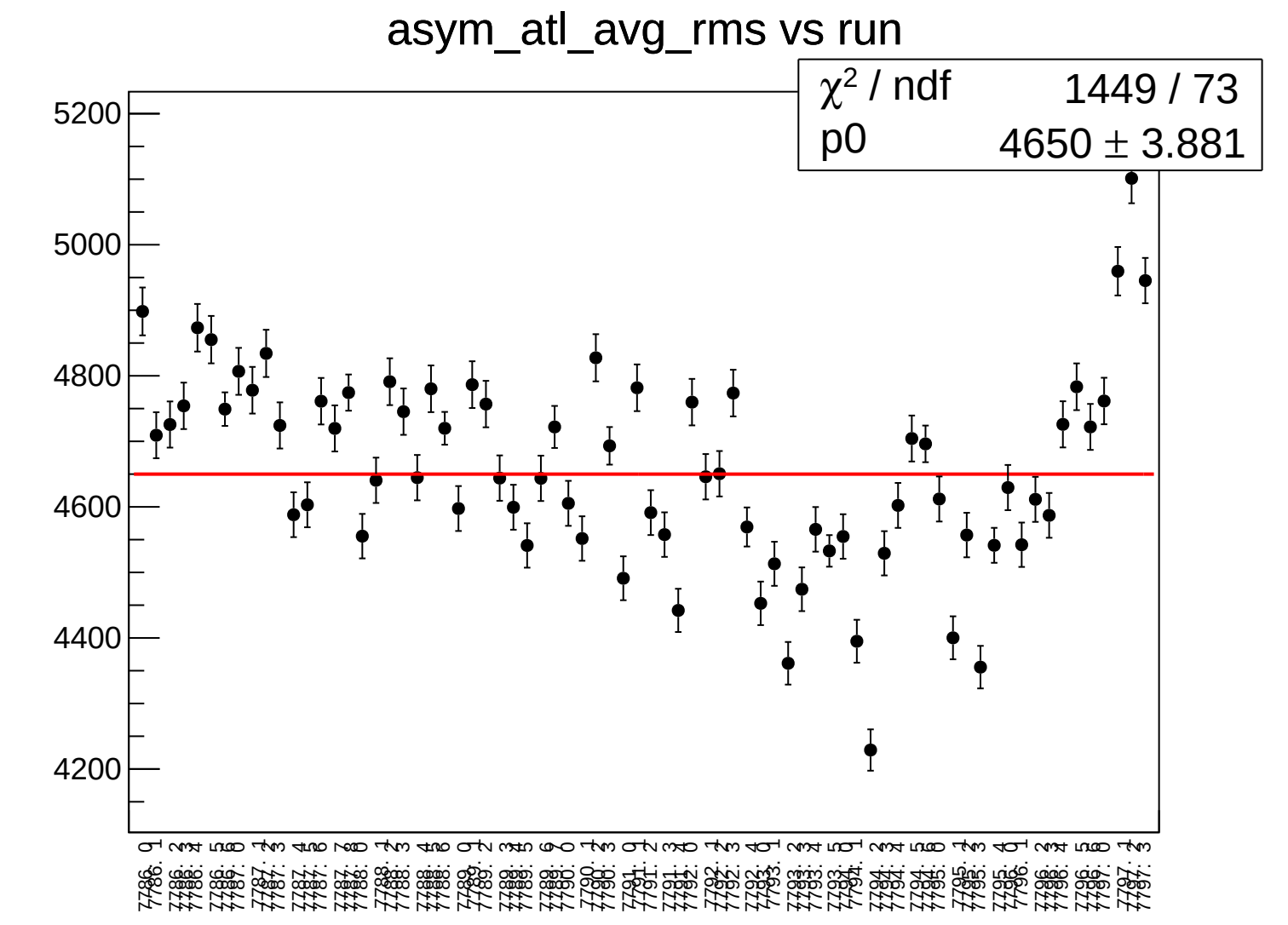

asym_atl_avg_correction_mean vs run
×10^3
χ² / ndf 73.06 / 73
p0 252.5 ± 5108
150
100
50
0
−50
−100
−150
pull
Entries 74
Mean −258.4
Std Dev 286.3
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

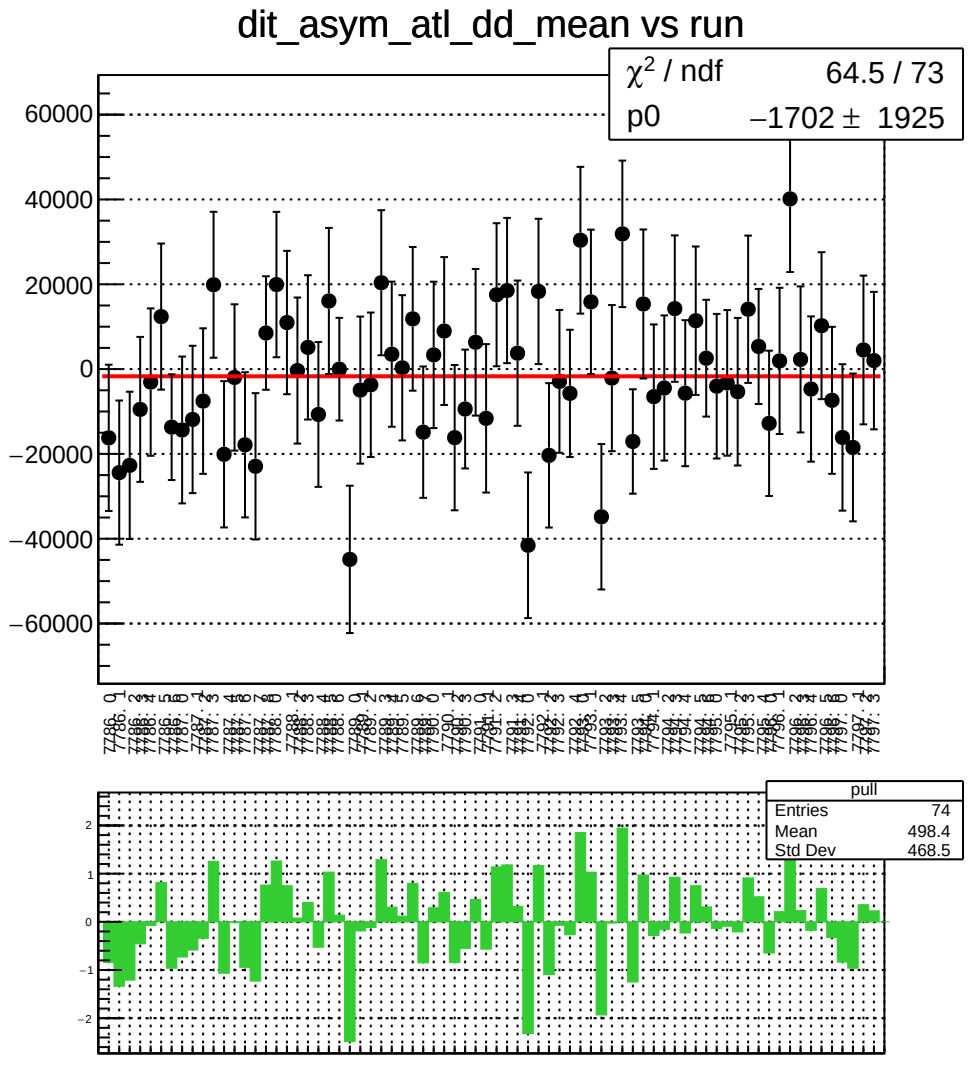

pull1D
Entries 74
Mean −0.01682
Std Dev 0.9935
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

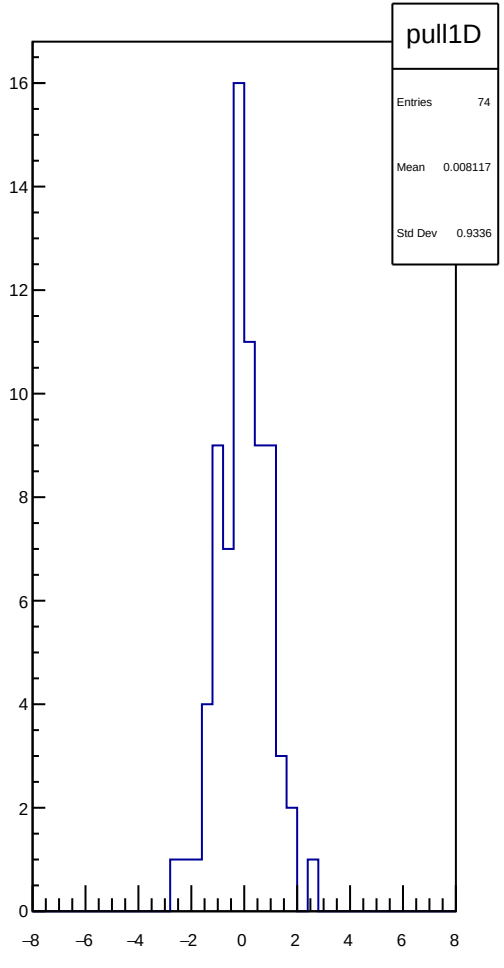

asym_atl_avg_correction_rms vs run
χ² / ndf 1964 / 73
p0 4327 ± 3.612
4800
4600
4400
4200
4000

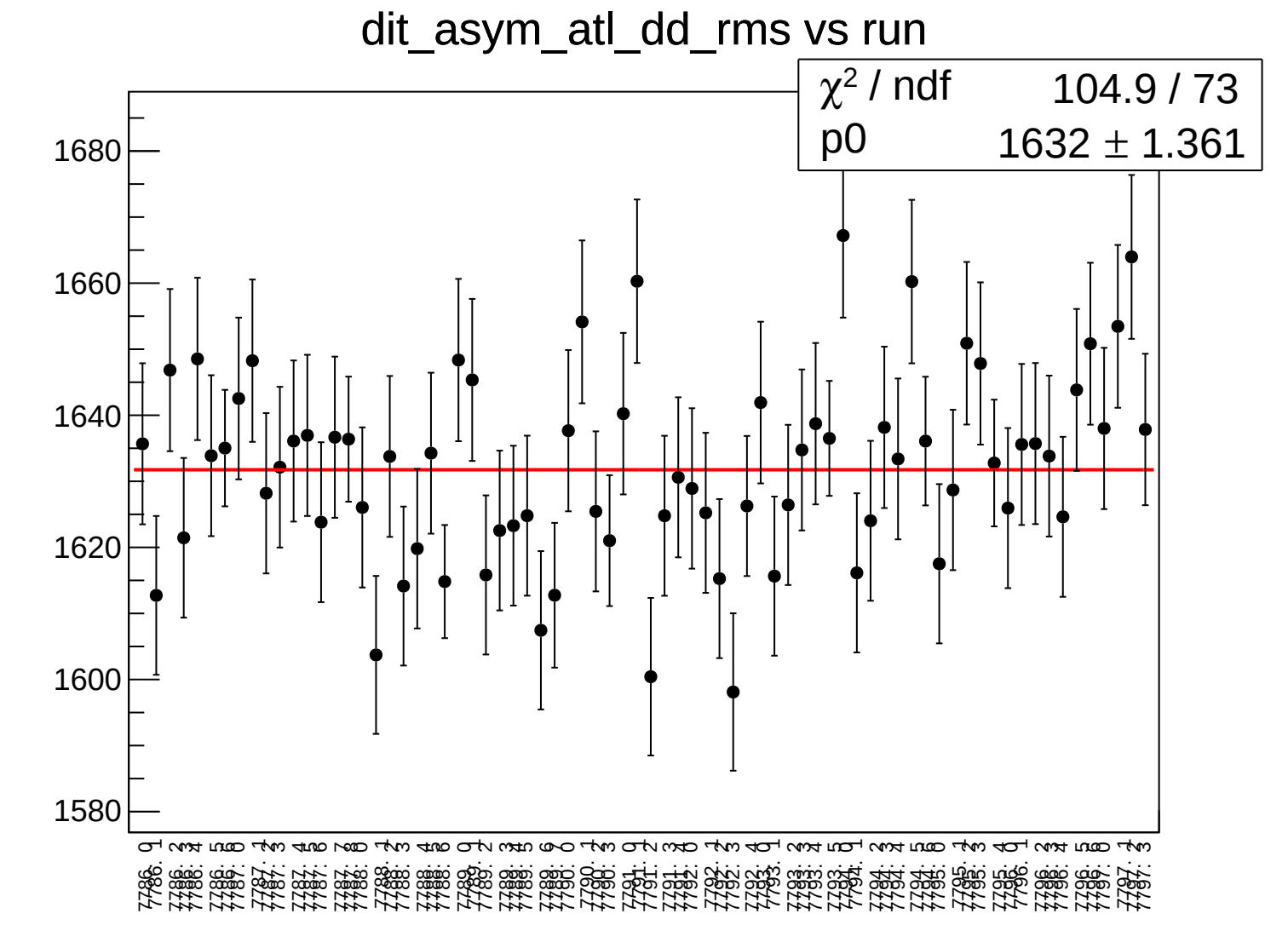

asym_atl_avg_mean vs run
×10^3
χ² / ndf 79.93 / 73
p0 −2915 ± 5488
200
150
100
50
0
−50
−100
−150
pull
Entries 74
Mean −336.8
Std Dev 362.9
3
2
1
0
−1
−2

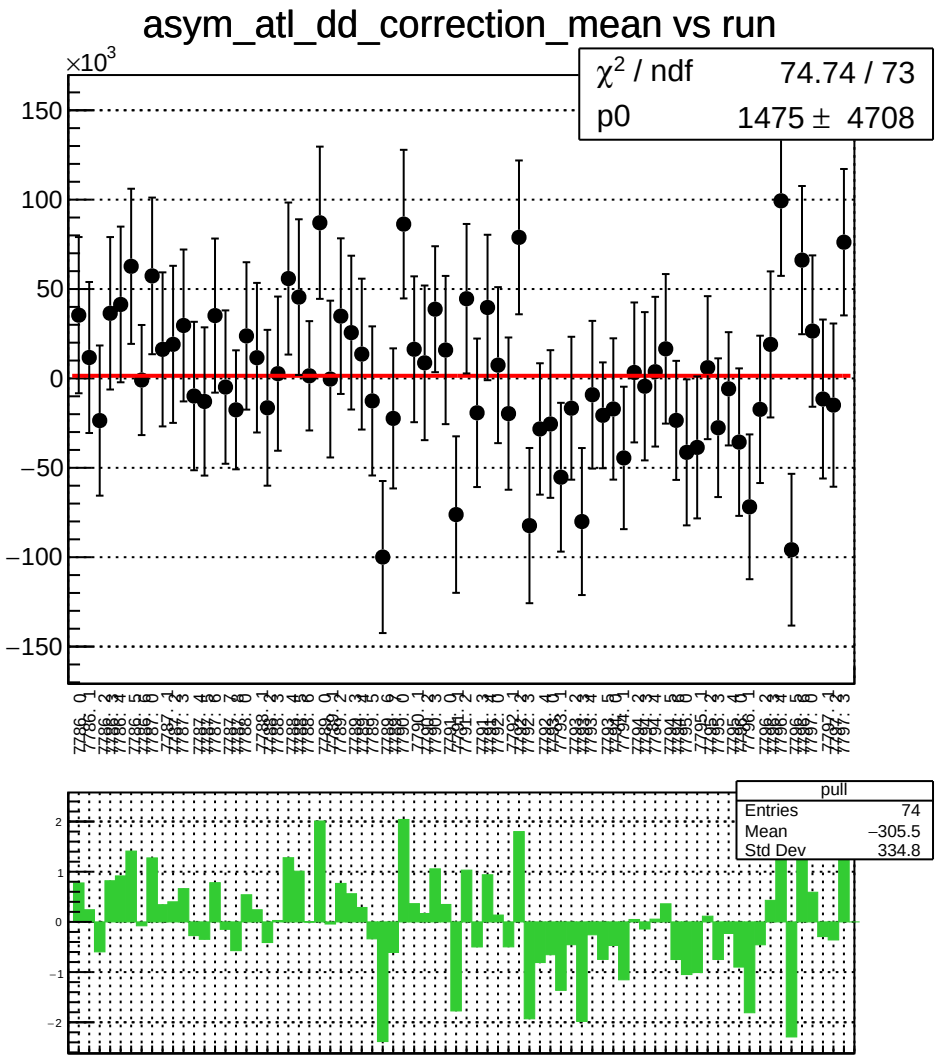

pull1D
Entries 74
Mean 0.01268
Std Dev 1.039
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

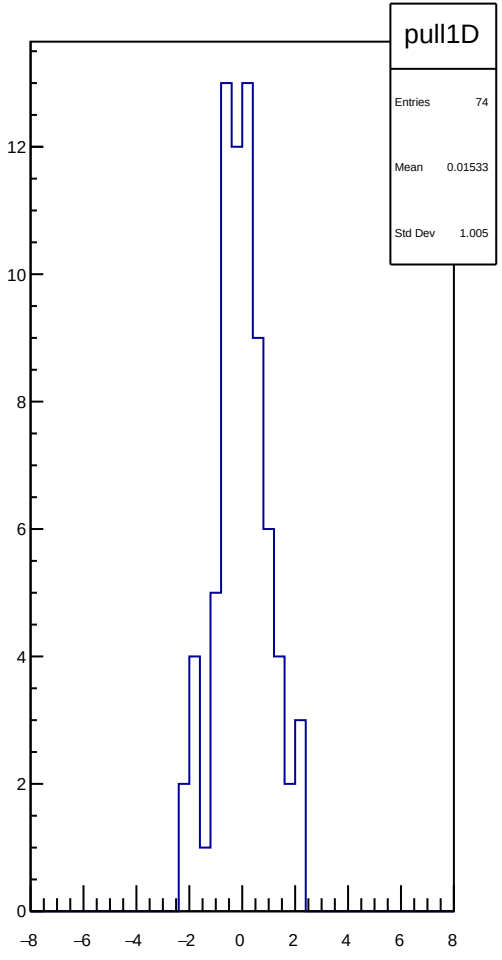

asym_atl_avg_rms vs run
χ² / ndf 1449 / 73
p0 4650 ± 3.881
5200
5000
4800
4600
4400
4200

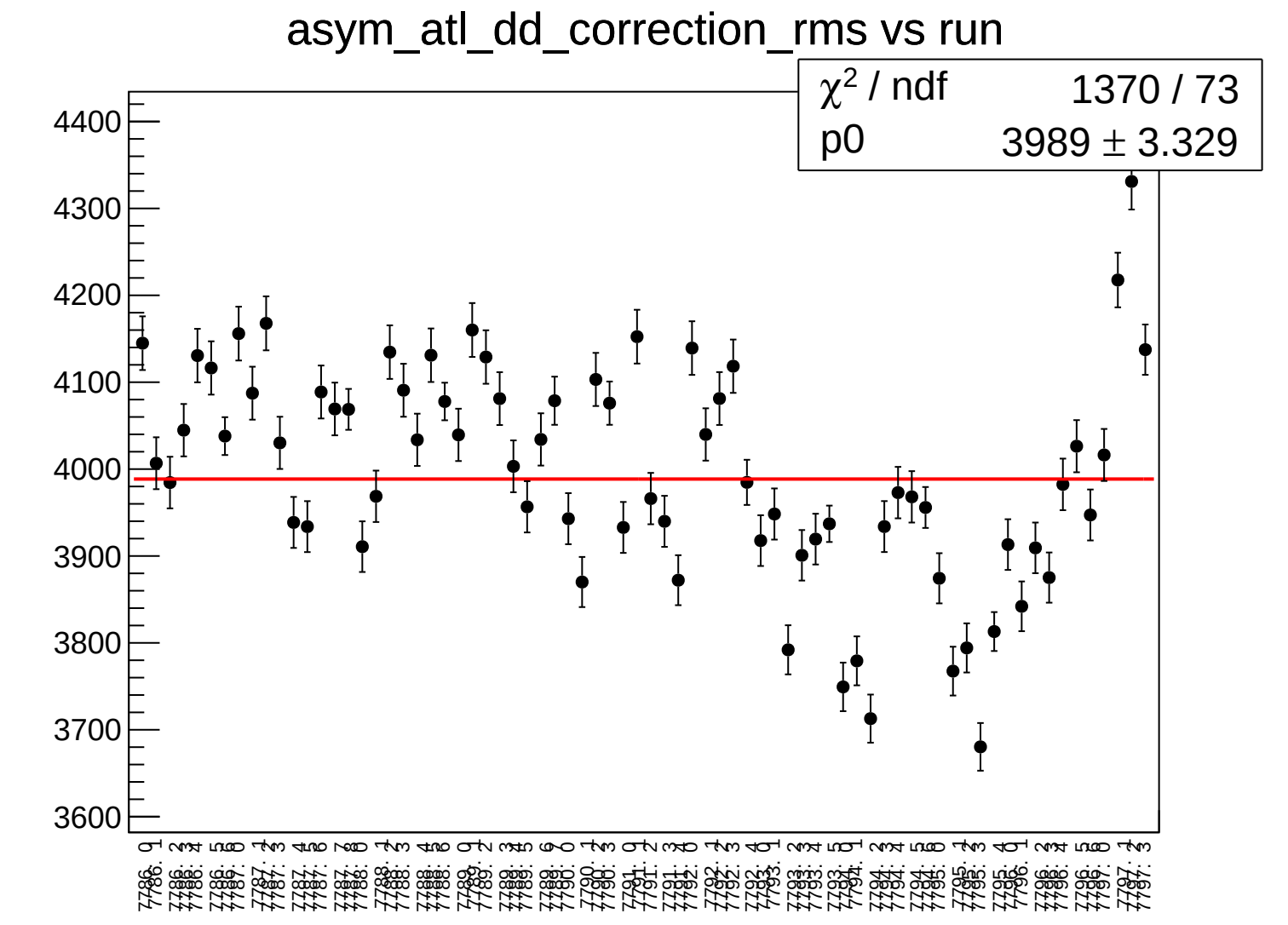

dit_asym_atl_dd_mean vs run
χ² / ndf 64.5 / 73
p0 −1702 ± 1925
pull
Entries 74
Mean 498.4
Std Dev 468.5

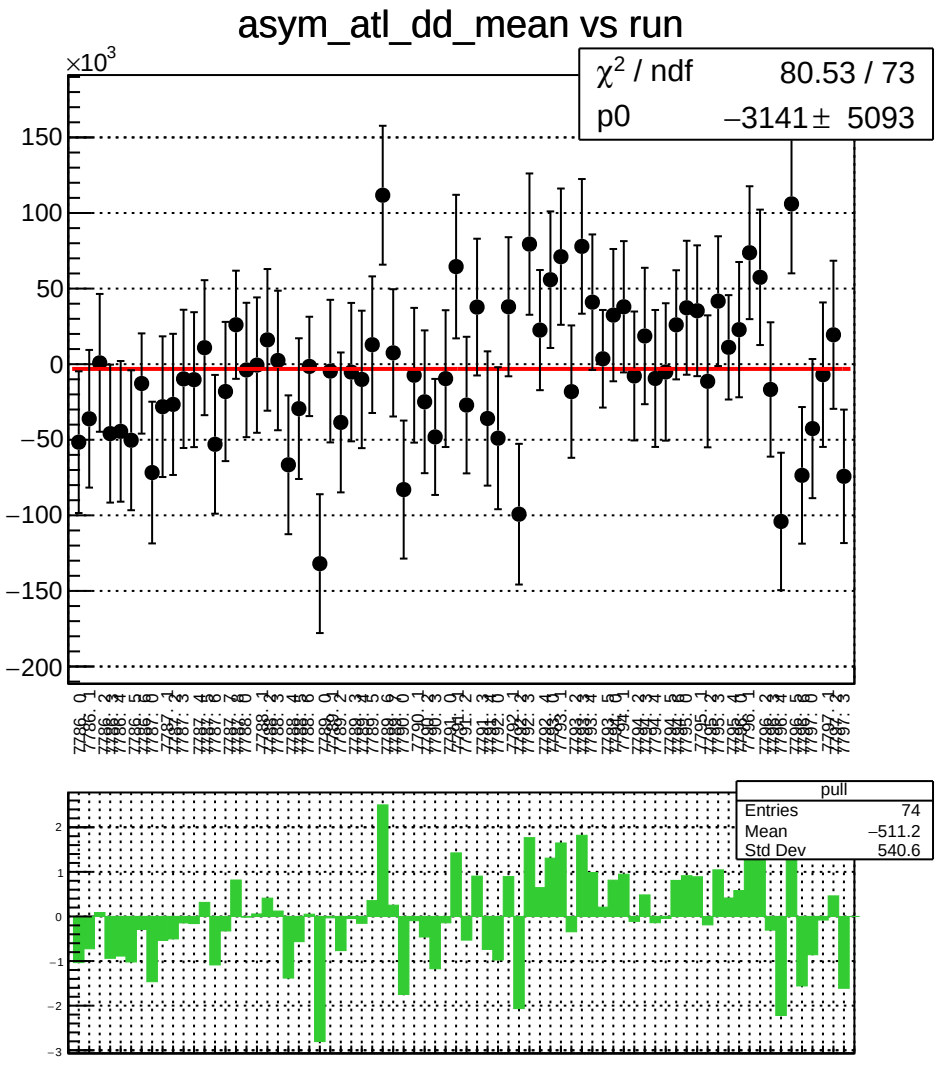

pull1D
Entries 74
Mean 0.008117
Std Dev 0.9336

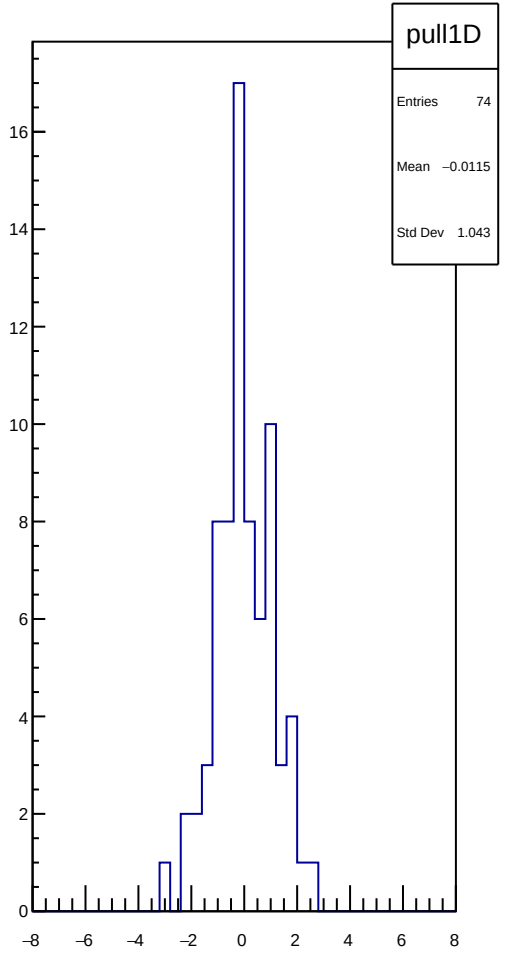

dit_asym_atl_dd_rms vs run
χ² / ndf 104.9 / 73
p0 1632 ± 1.361
1680
1660
1640
1620
1600
1580

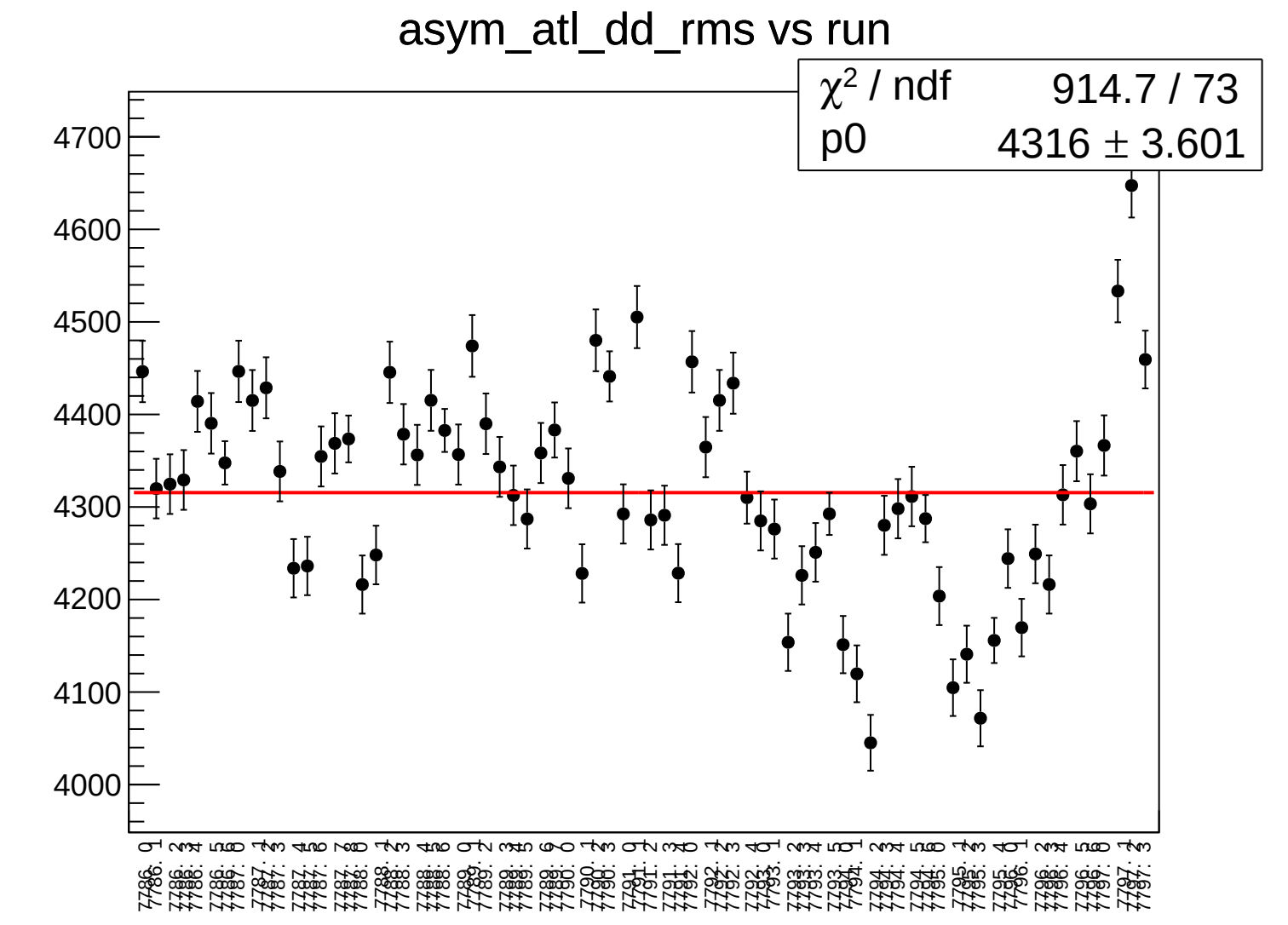

asym_atl_dd_correction_mean vs run
×10^3
χ² / ndf 74.74 / 73
p0 1475 ± 4708
150
100
50
0
−50
−100
−150
pull
Entries 74
Mean −305.5
Std Dev 334.8
2
1
0
−1
−2

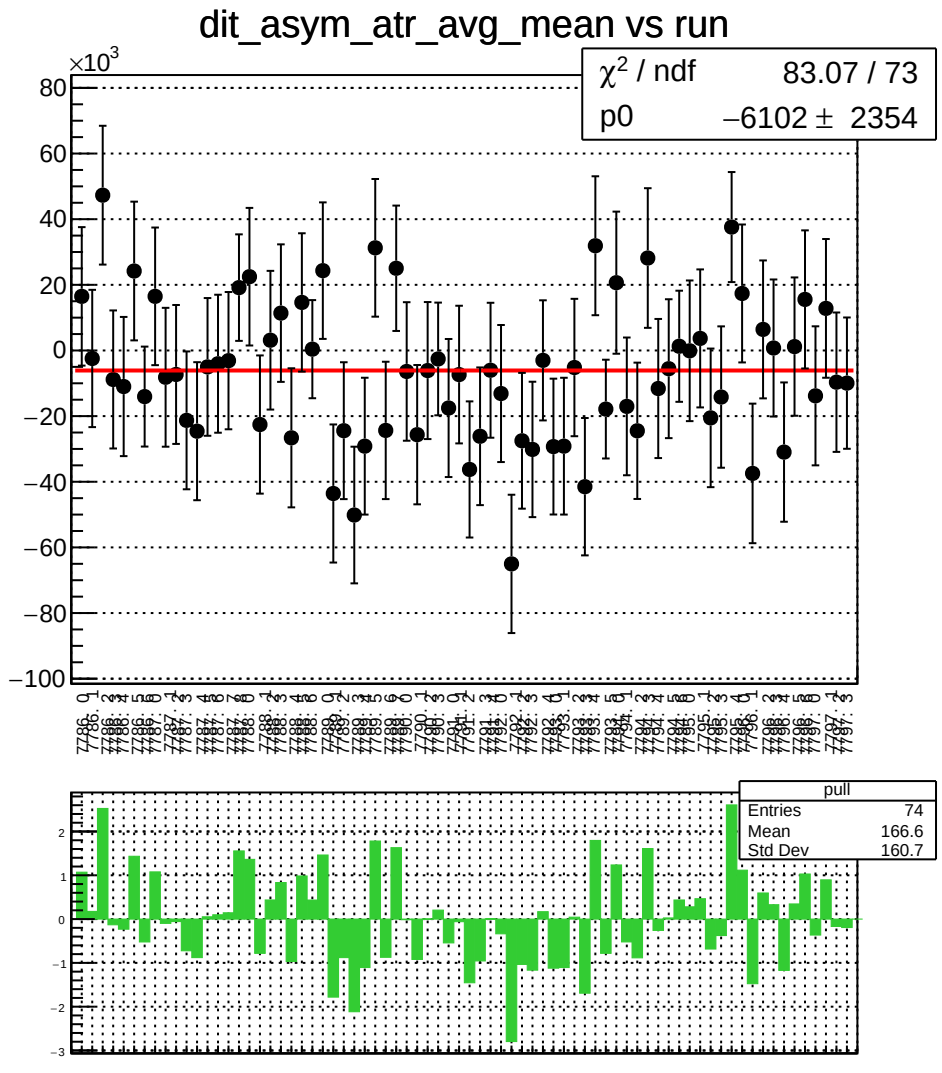

pull1D
Entries 74
Mean 0.01533
Std Dev 1.005
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

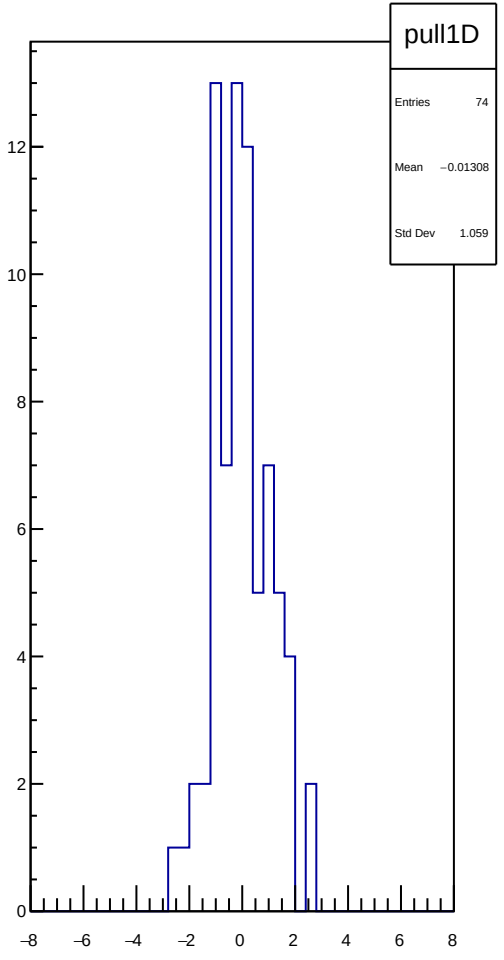

asym_atl_dd_correction_rms vs run
χ² / ndf 1370 / 73
p0 3989 ± 3.329
4400
4300
4200
4100
4000
3900
3800
3700
3600

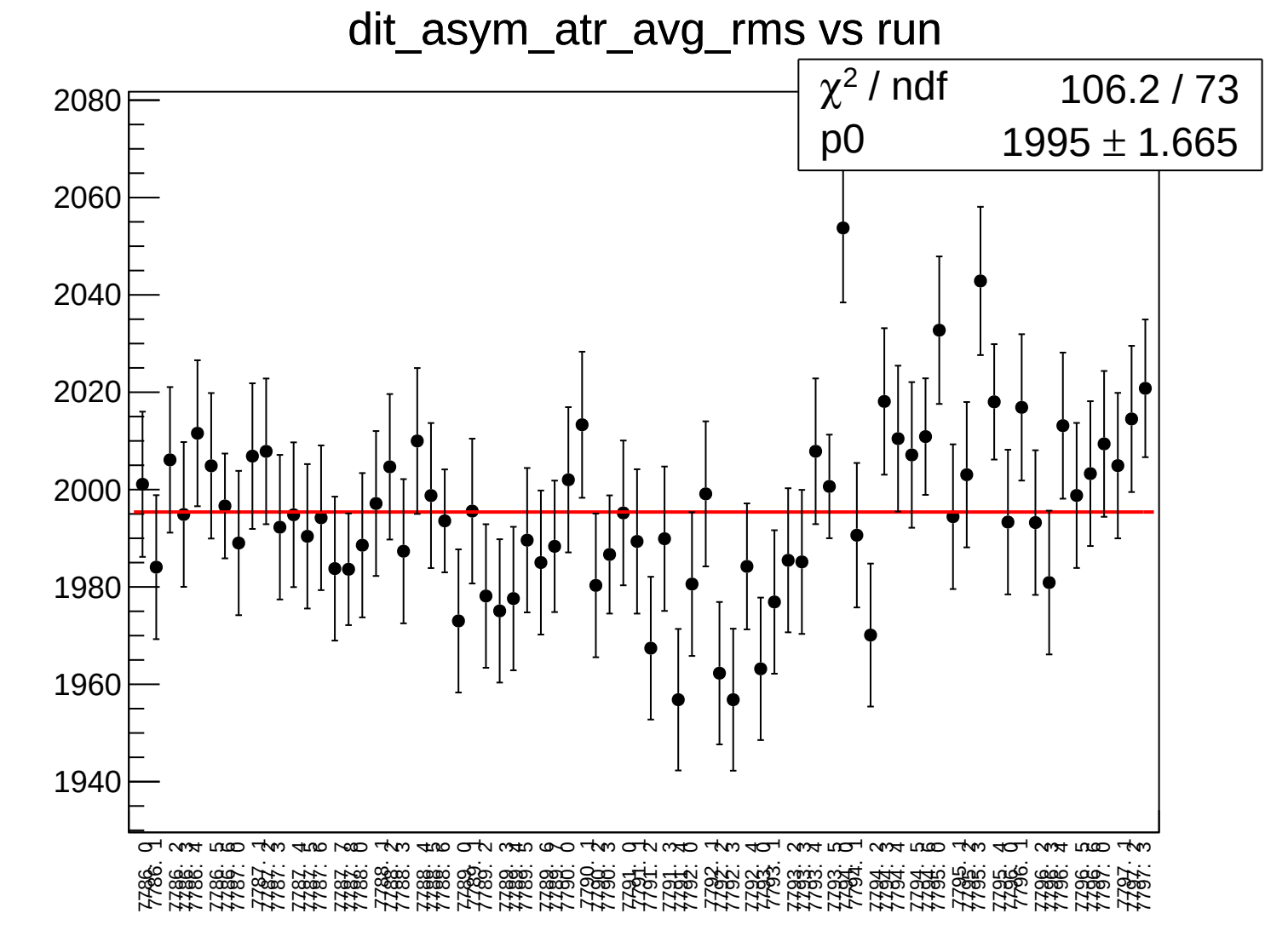

asym_atl_dd_mean vs run
×10^3
χ² / ndf 80.53 / 73
p0 −3141 ± 5093
150
100
50
0
−50
−100
−150
−200
pull
Entries 74
Mean −511.2
Std Dev 540.6
2
1
0
−1
−2
−3

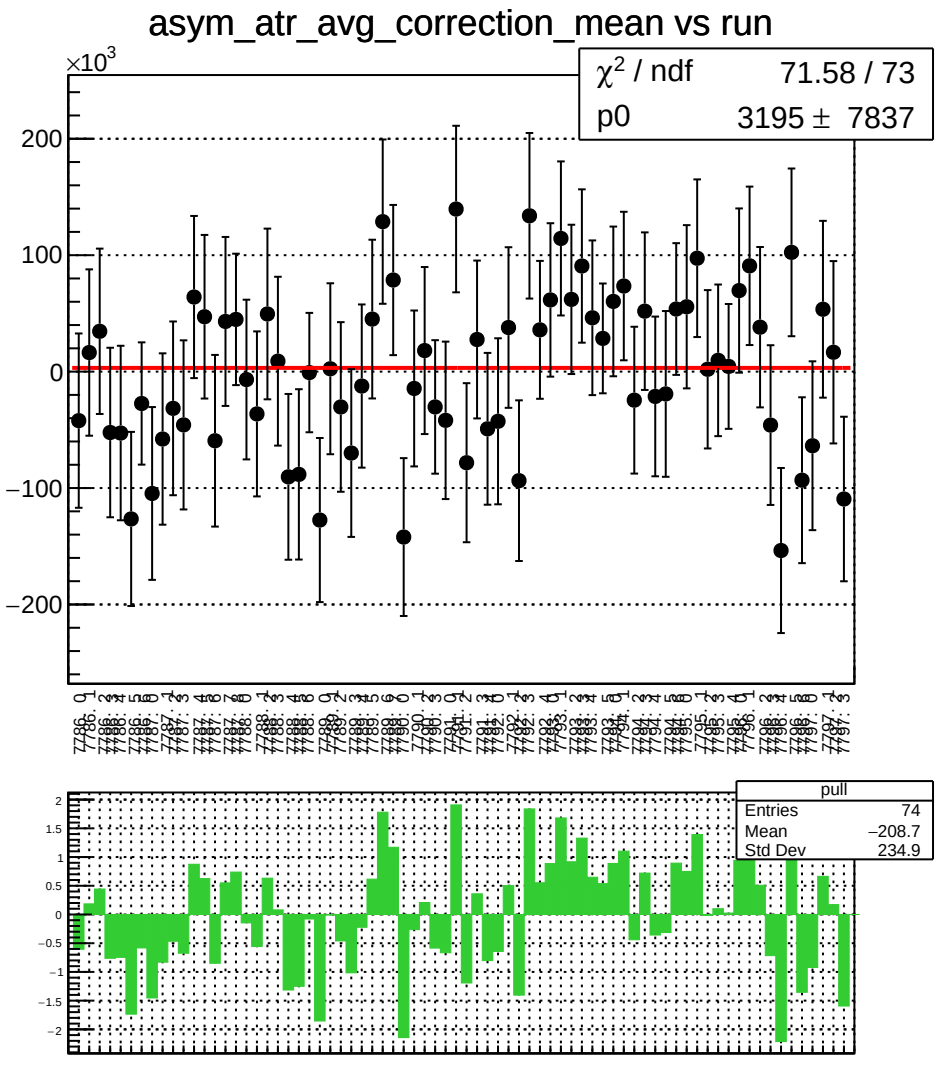

pull1D
Entries 74
Mean −0.0115
Std Dev 1.043
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

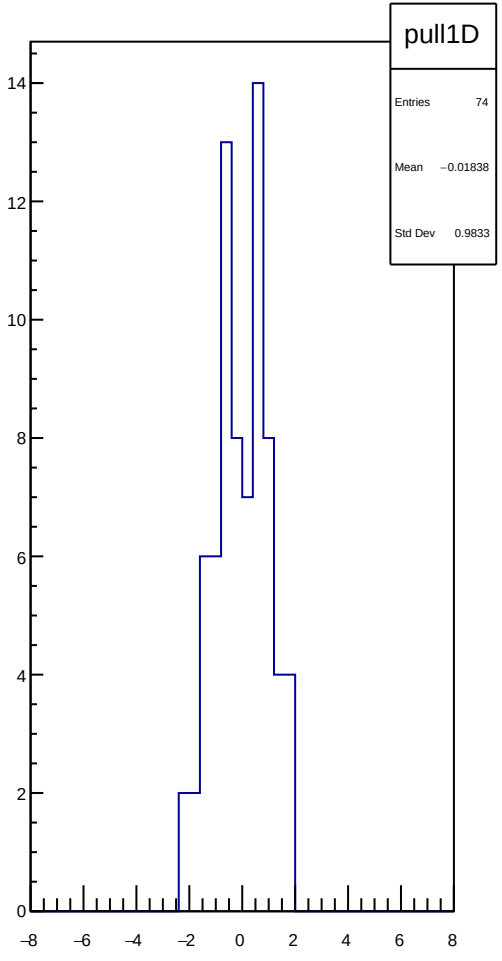

asym_atl_dd_rms vs run
χ² / ndf 914.7 / 73
p0 4316 ± 3.601
4700
4600
4500
4400
4300
4200
4100
4000

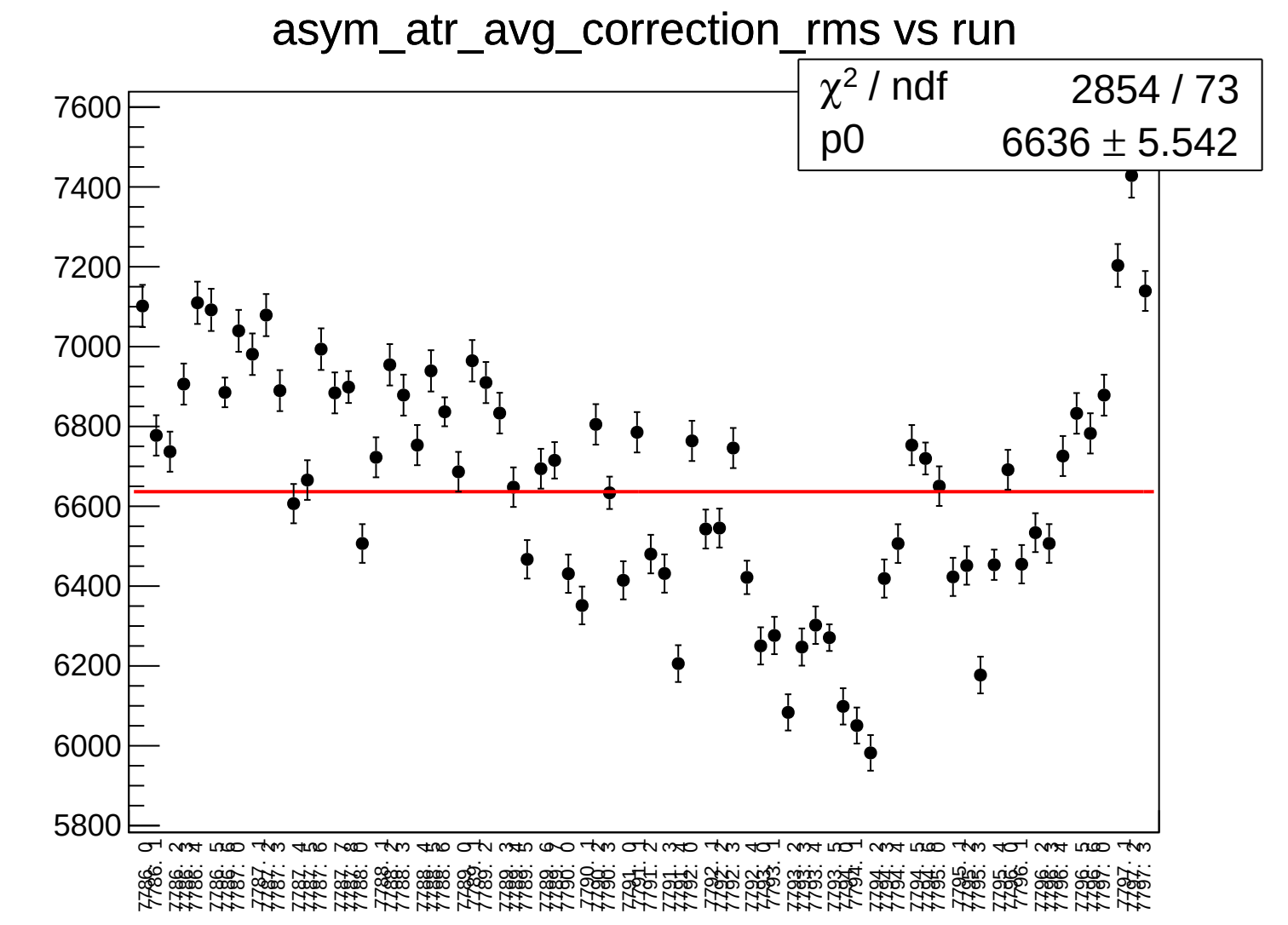

dit_asym_atr_avg_mean vs run
×10^3
χ² / ndf 83.07 / 73
p0 −6102 ± 2354
pull
Entries 74
Mean 166.6
Std Dev 160.7

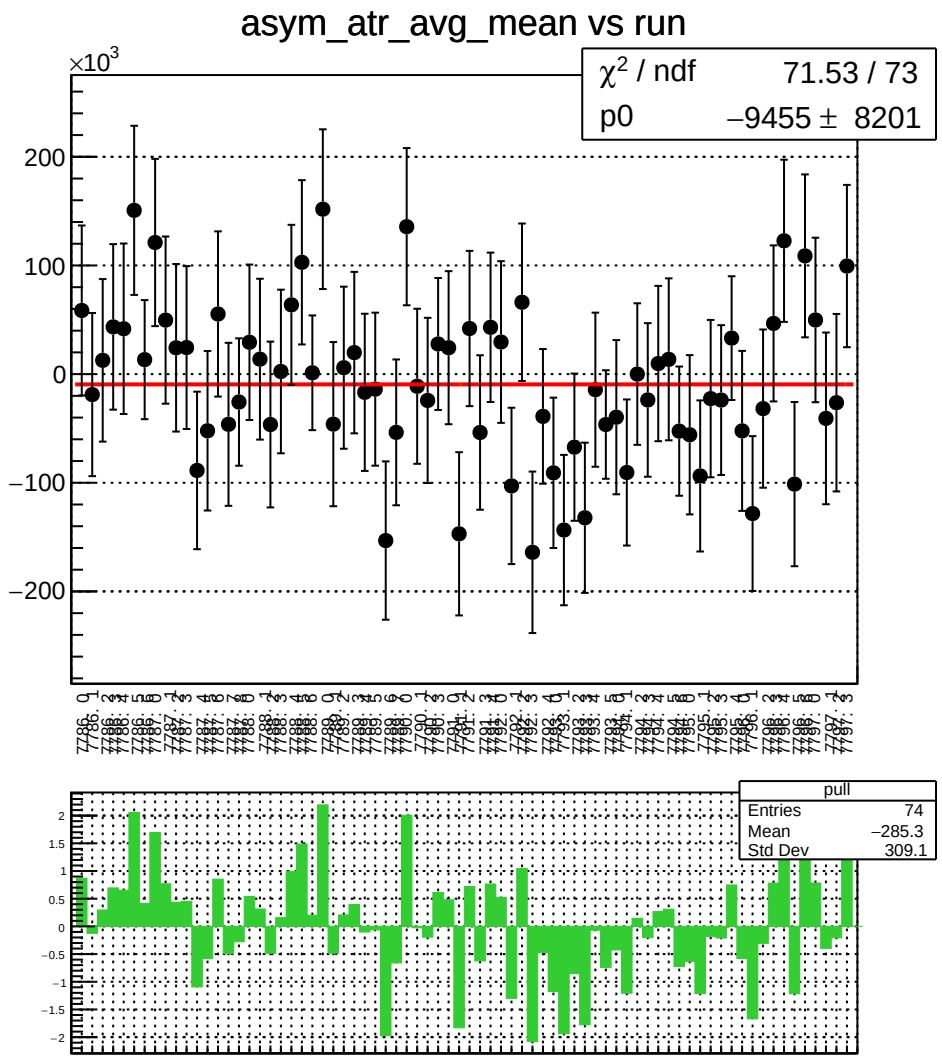

pull1D
Entries 74
Mean −0.01308
Std Dev 1.059

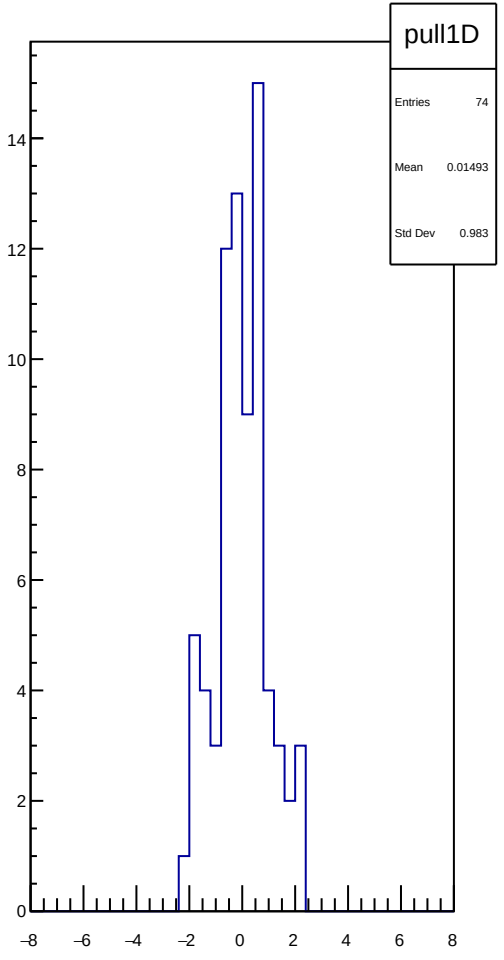

dit_asym_atr_avg_rms vs run
χ² / ndf 106.2 / 73
p0 1995 ± 1.665
2080
2060
2040
2020
2000
1980
1960
1940

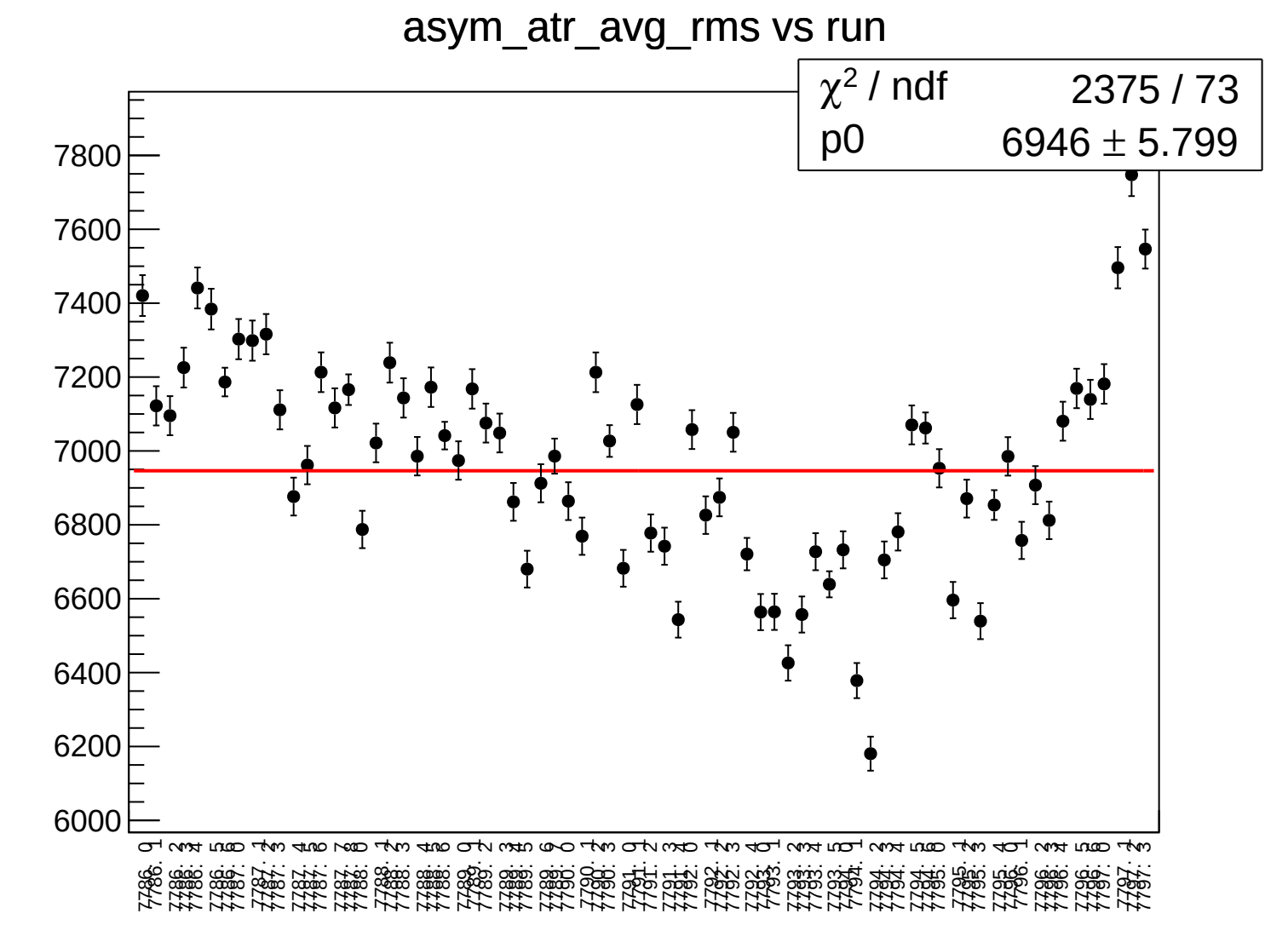

asym_atr_avg_correction_mean vs run
×10^3
χ^2 / ndf 71.58 / 73
p0 3195 ± 7837
200
100
0
−100
−200
pull
Entries 74
Mean −208.7
Std Dev 234.9
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

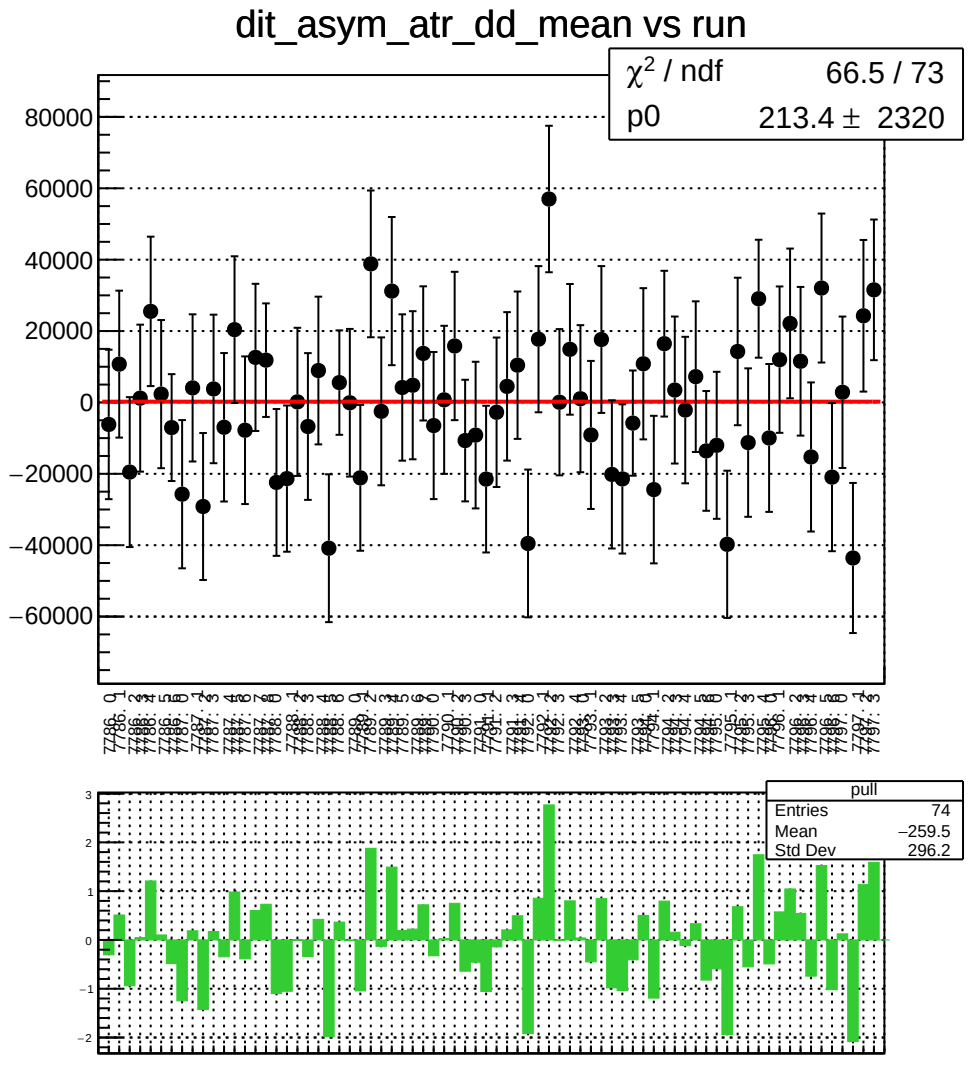

pull1D
Entries 74
Mean −0.01838
Std Dev 0.9833
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

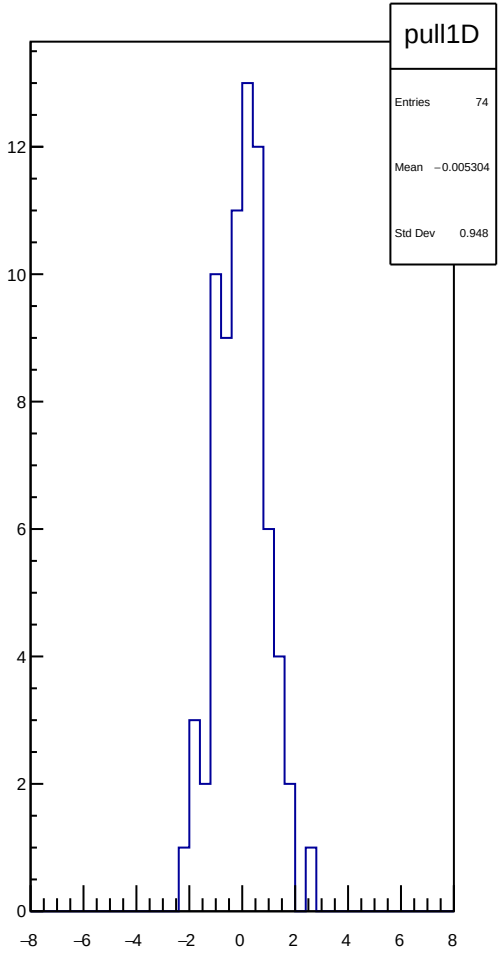

asym_atr_avg_correction_rms vs run
$\chi^2$ / ndf 2854 / 73
p0 6636 ± 5.542
7600
7400
7200
7000
6800
6600
6400
6200
6000
5800

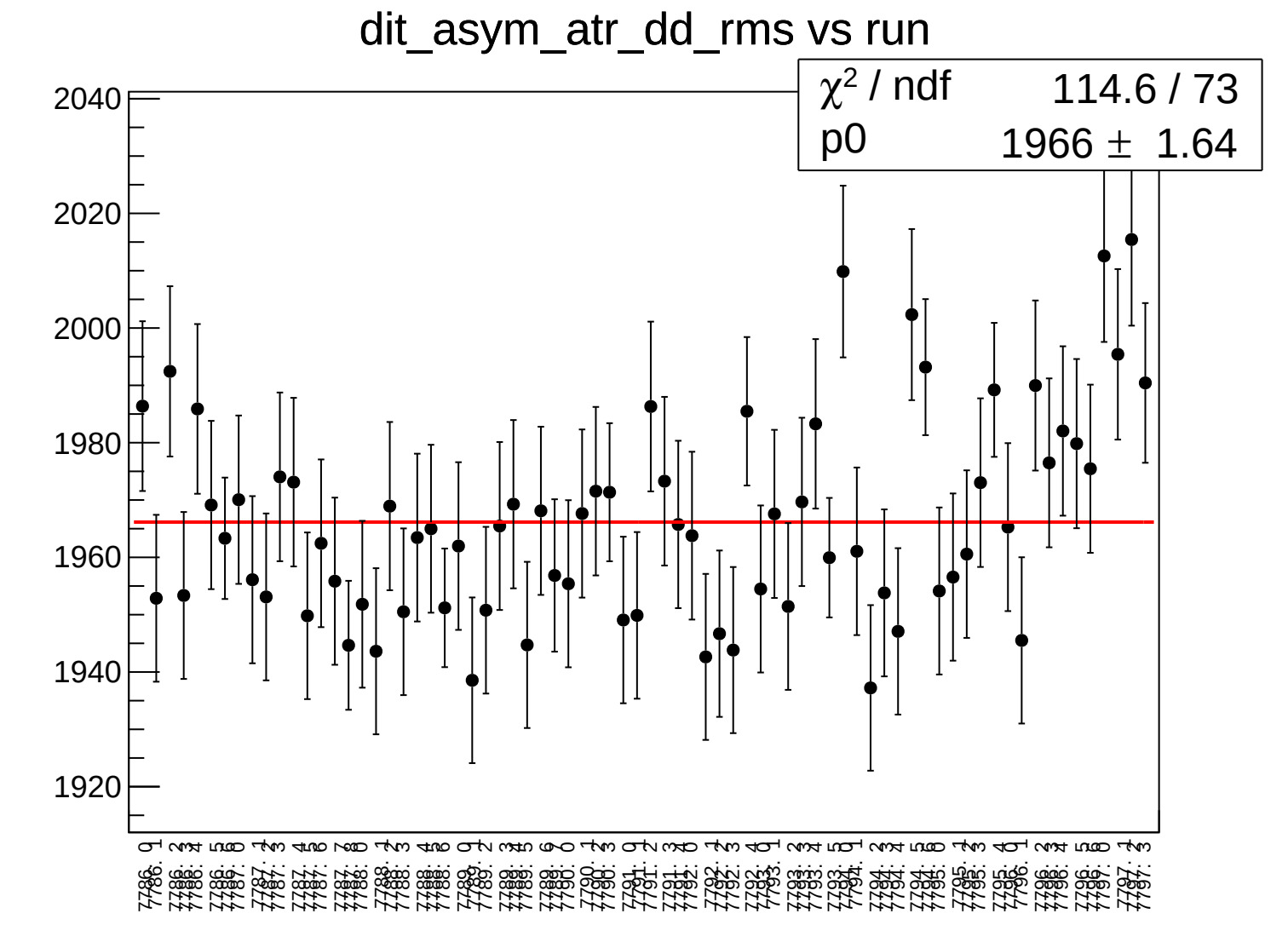

asym_atr_avg_mean vs run
×10^3
χ² / ndf 71.53 / 73
p0 −9455 ± 8201
200
100
0
−100
−200
pull
Entries 74
Mean −285.3
Std Dev 309.1
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

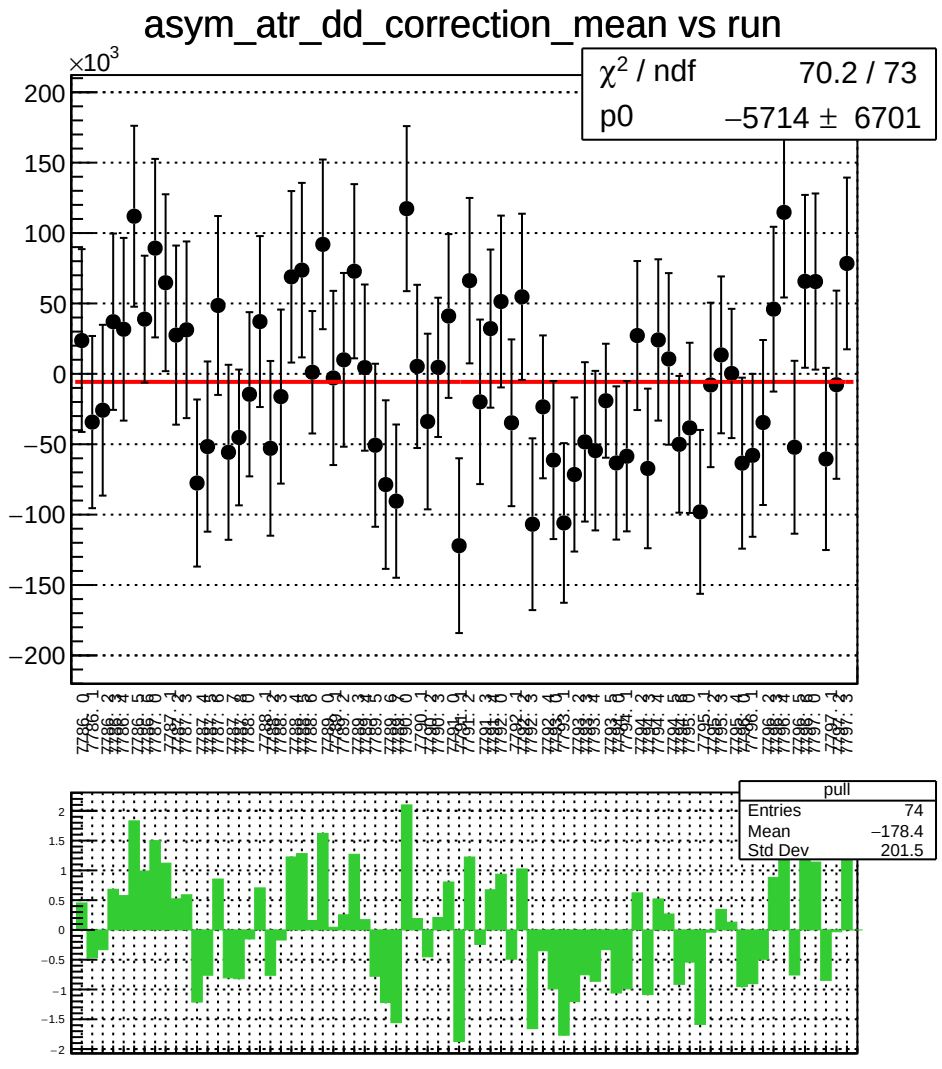

pull1D
Entries 74
Mean 0.01493
Std Dev 0.983
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

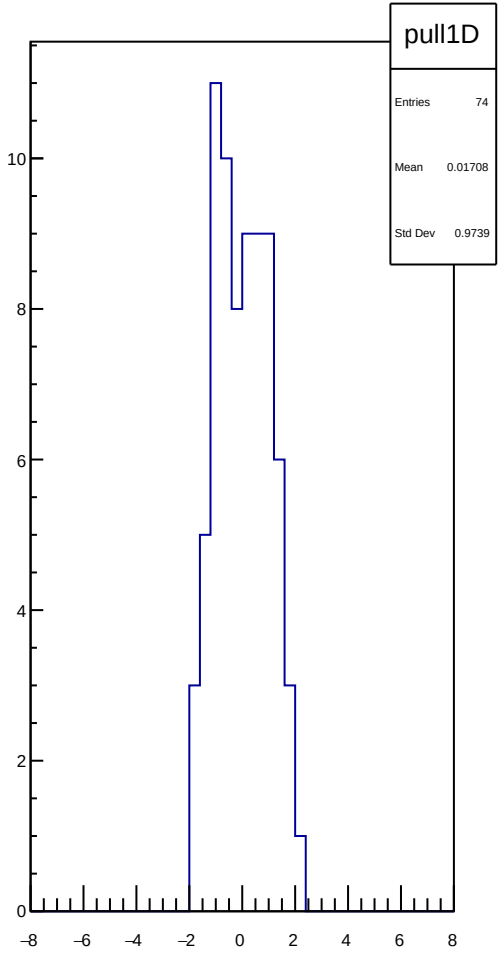

asym_atr_avg_rms vs run
$\chi^2$ / ndf 2375 / 73
p0 6946 ± 5.799
7800
7600
7400
7200
7000
6800
6600
6400
6200
6000

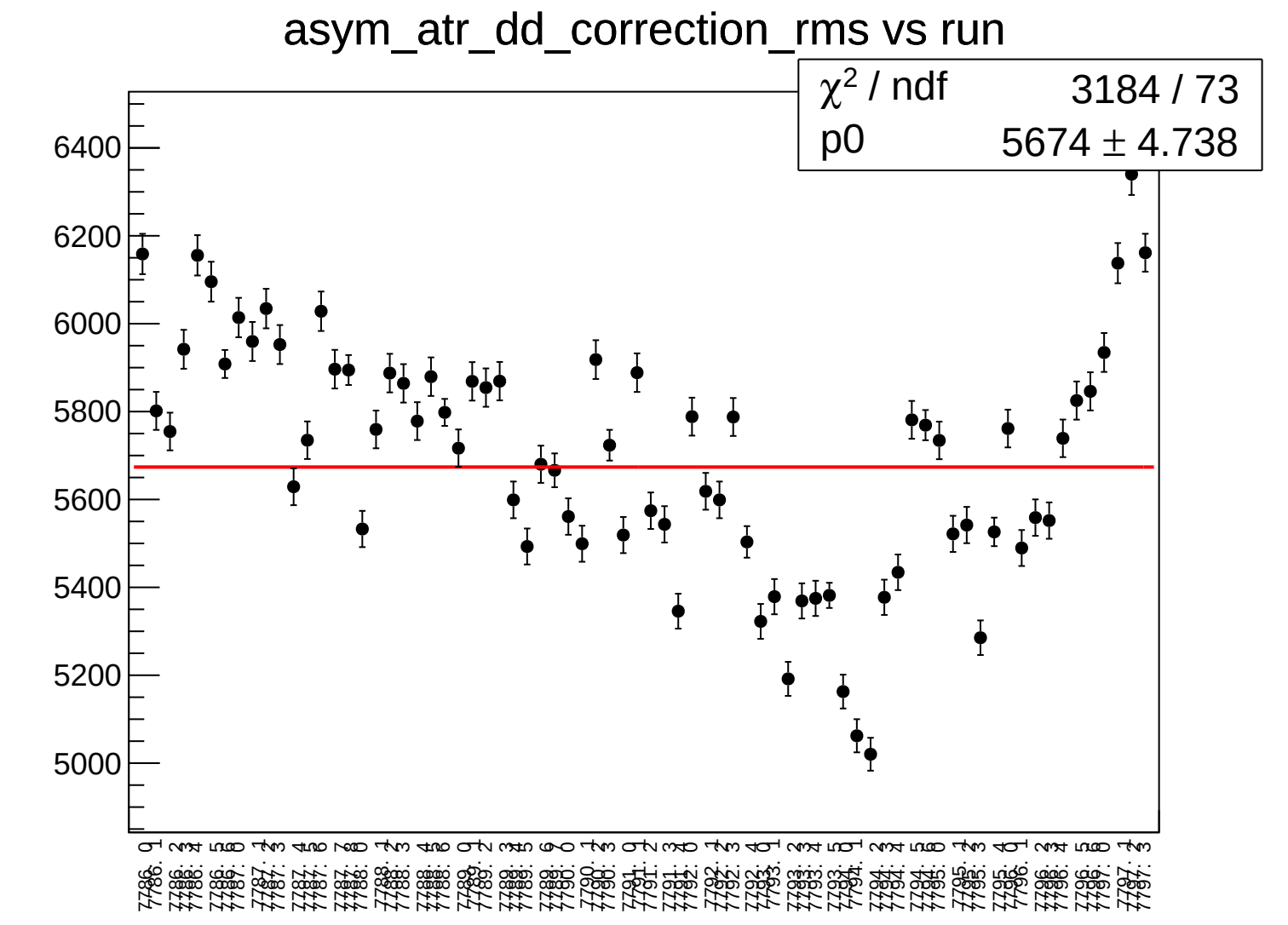

dit_asym_atr_dd_mean vs run
χ² / ndf 66.5 / 73
p0 213.4 ± 2320
pull
Entries 74
Mean −259.5
Std Dev 296.2

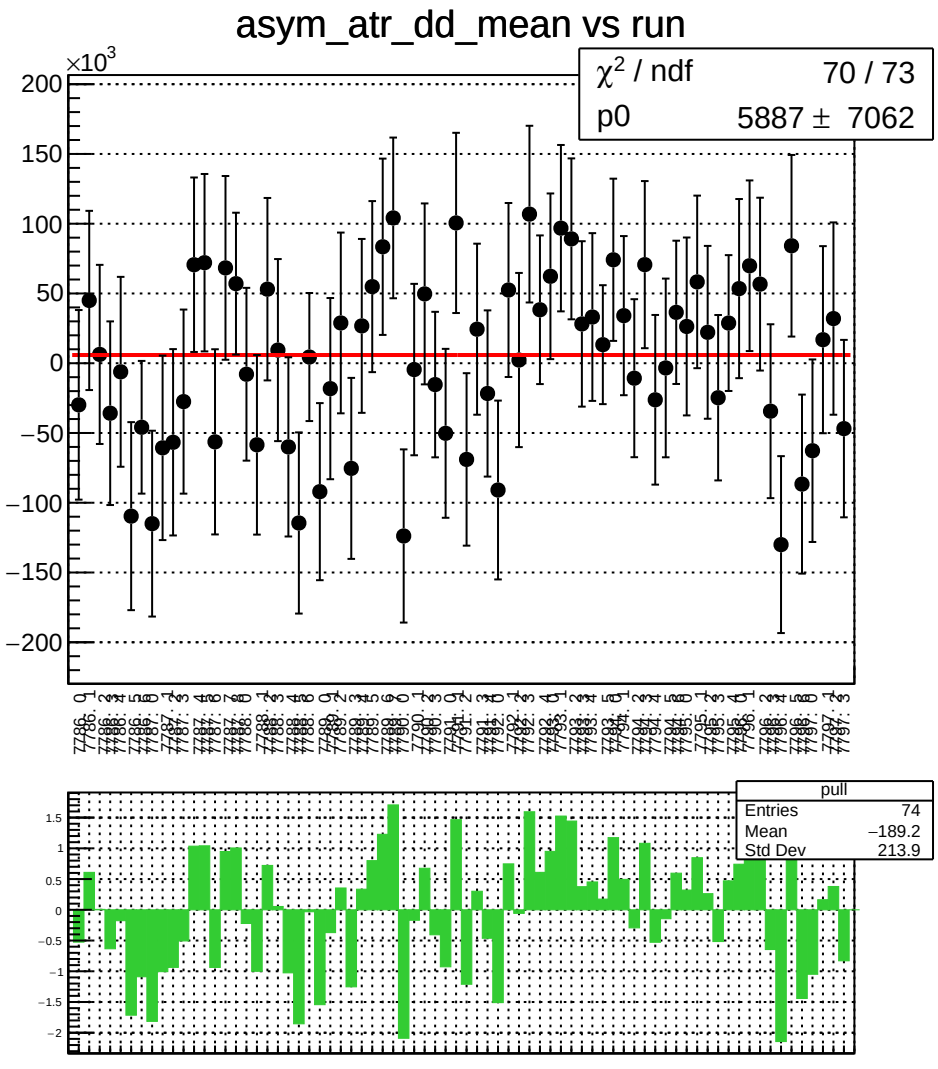

pull1D
Entries 74
Mean −0.005304
Std Dev 0.948

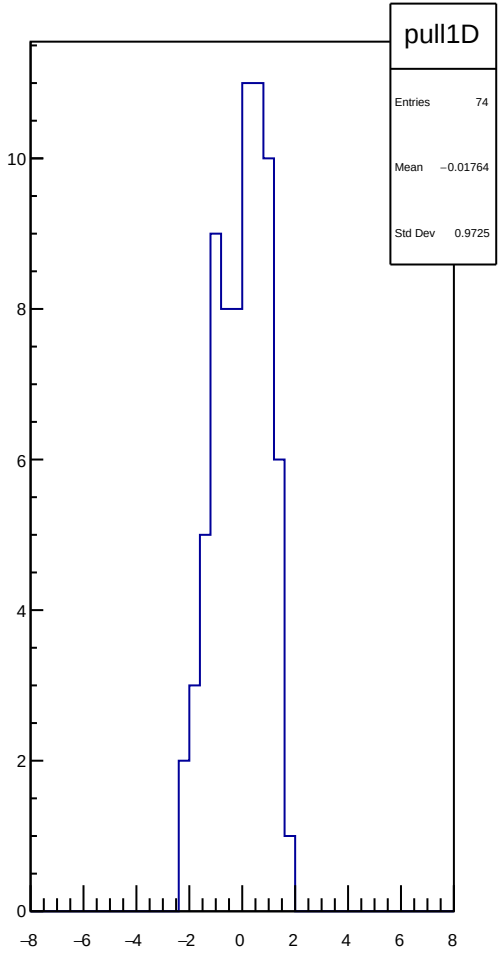

dit_asym_atr_dd_rms vs run
χ² / ndf 114.6 / 73
p0 1966 ± 1.64
2040
2020
2000
1980
1960
1940
1920

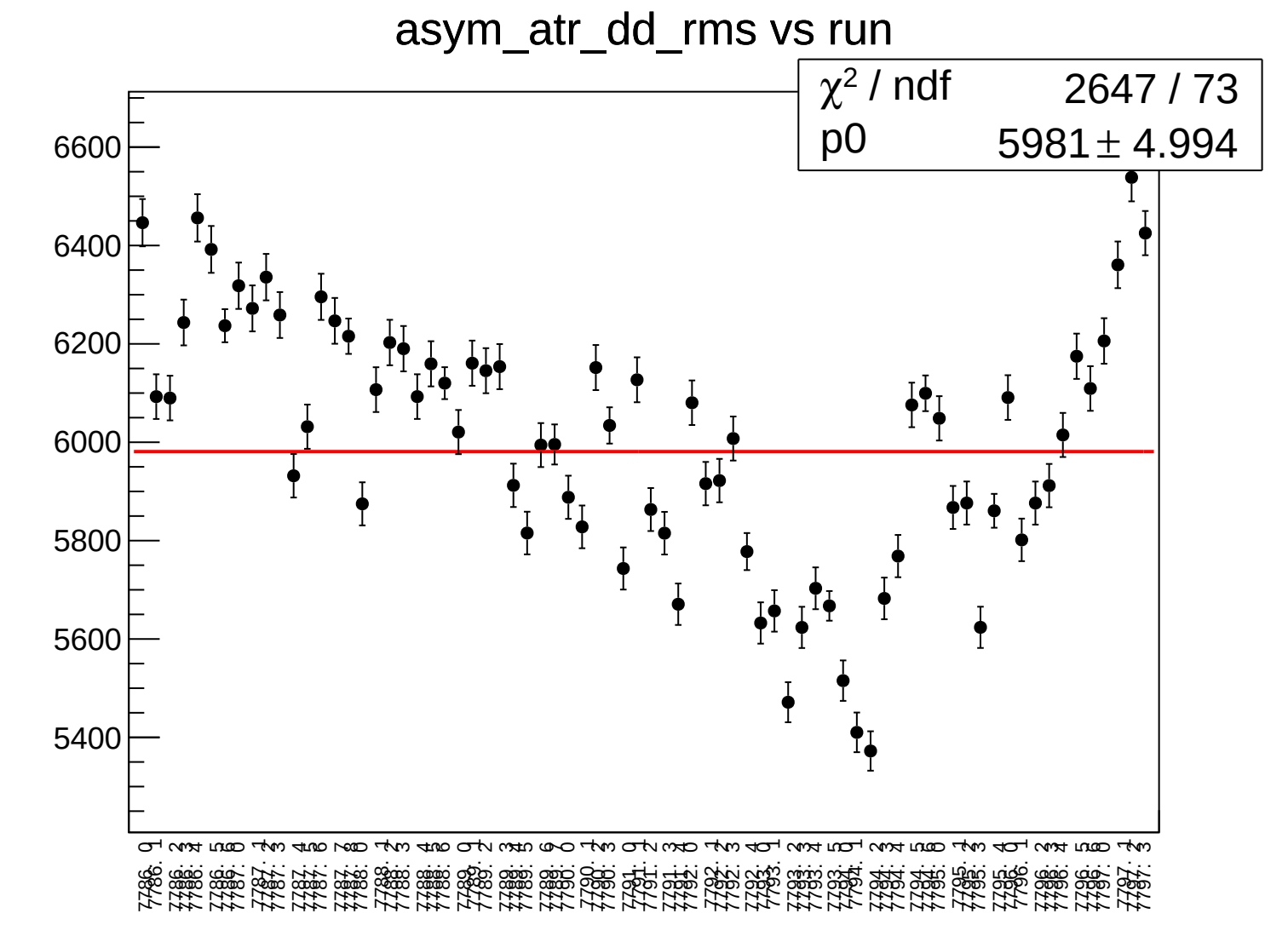

asym_atr_dd_correction_mean vs run
×10^3
χ² / ndf 70.2 / 73
p0 −5714 ± 6701
200
150
100
50
0
−50
−100
−150
−200
pull
Entries 74
Mean −178.4
Std Dev 201.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

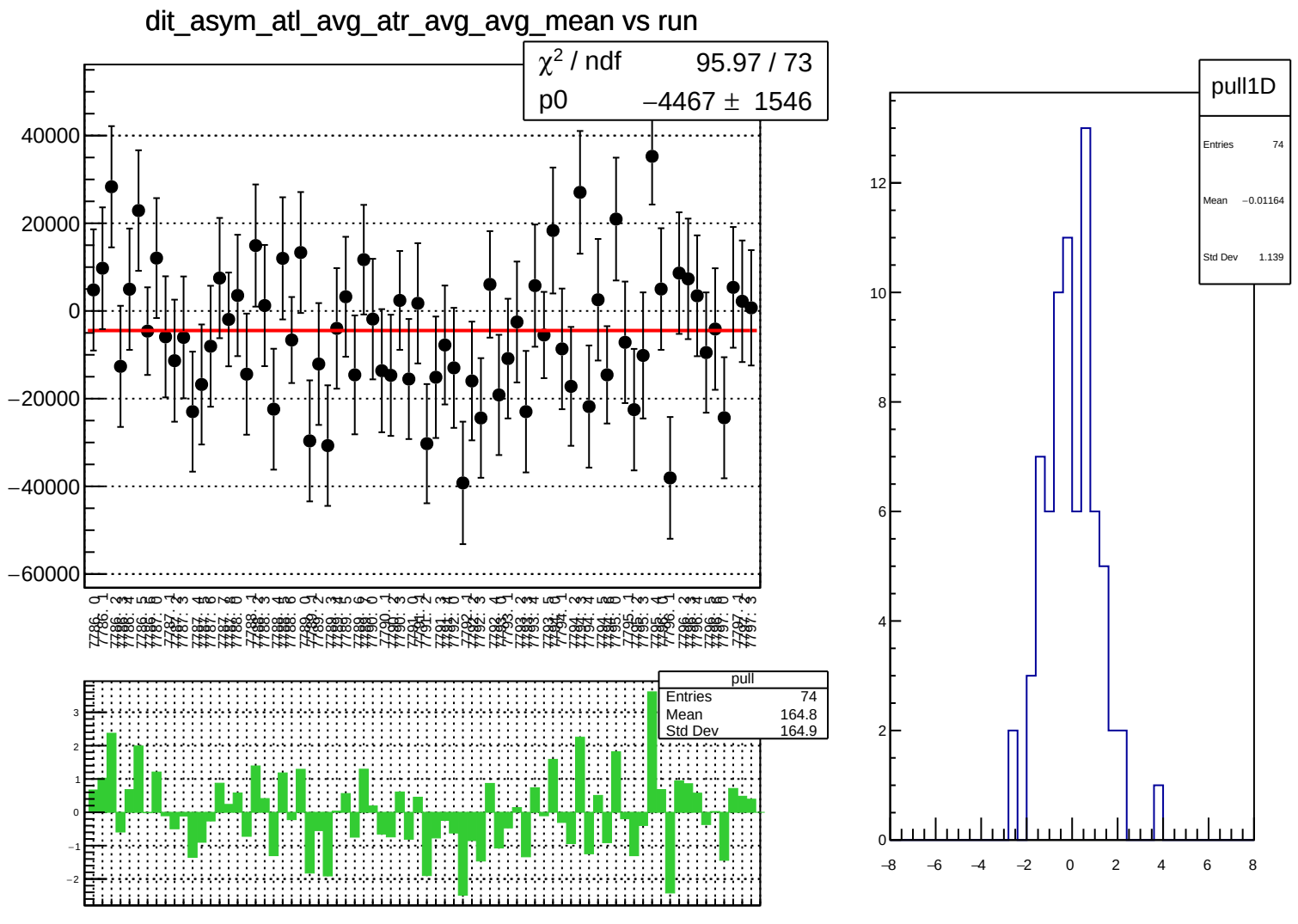

pull1D
Entries 74
Mean 0.01708
Std Dev 0.9739
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

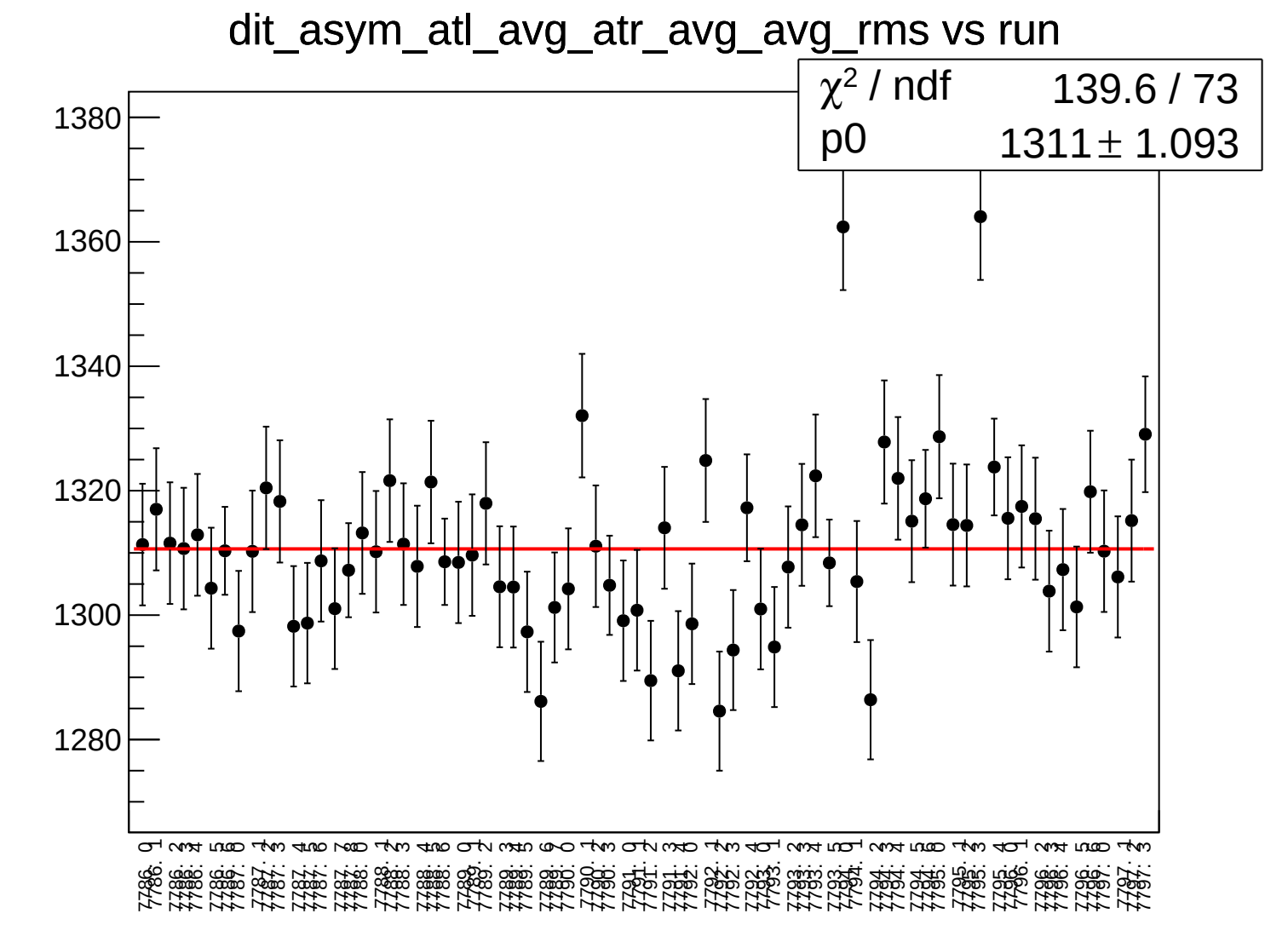

asym_atr_dd_correction_rms vs run
χ² / ndf 3184 / 73
p0 5674 ± 4.738
6400
6200
6000
5800
5600
5400
5200
5000

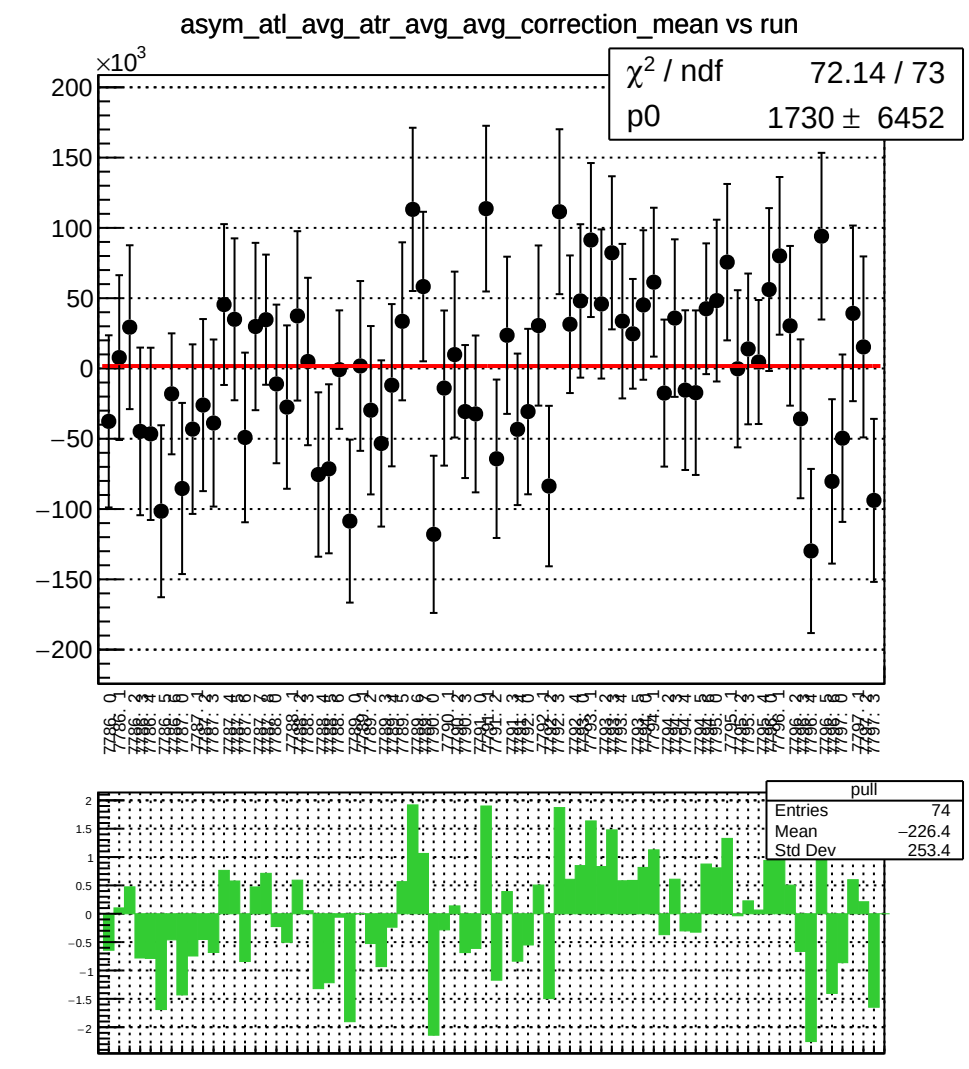

asym_atr_dd_mean vs run
×10^3
χ² / ndf 70 / 73
p0 5887 ± 7062
pull
Entries 74
Mean −189.2
Std Dev 213.9

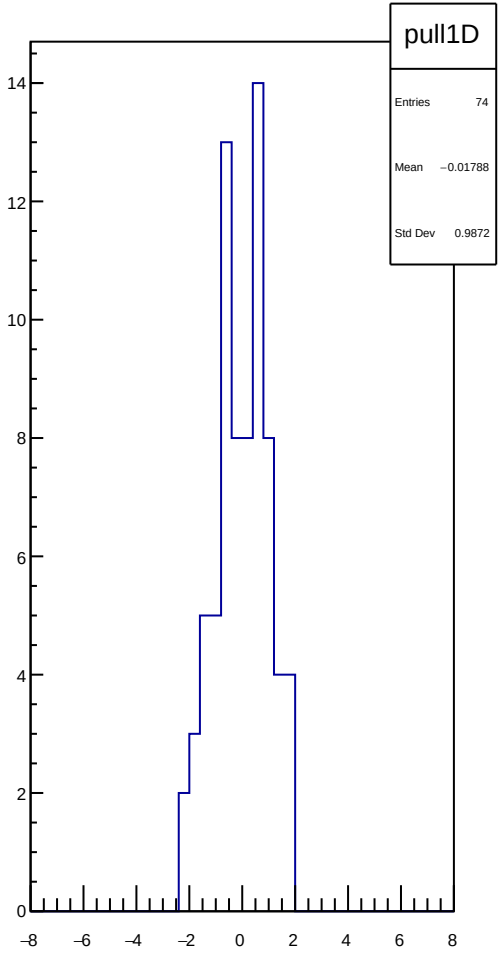

pull1D
Entries 74
Mean −0.01764
Std Dev 0.9725

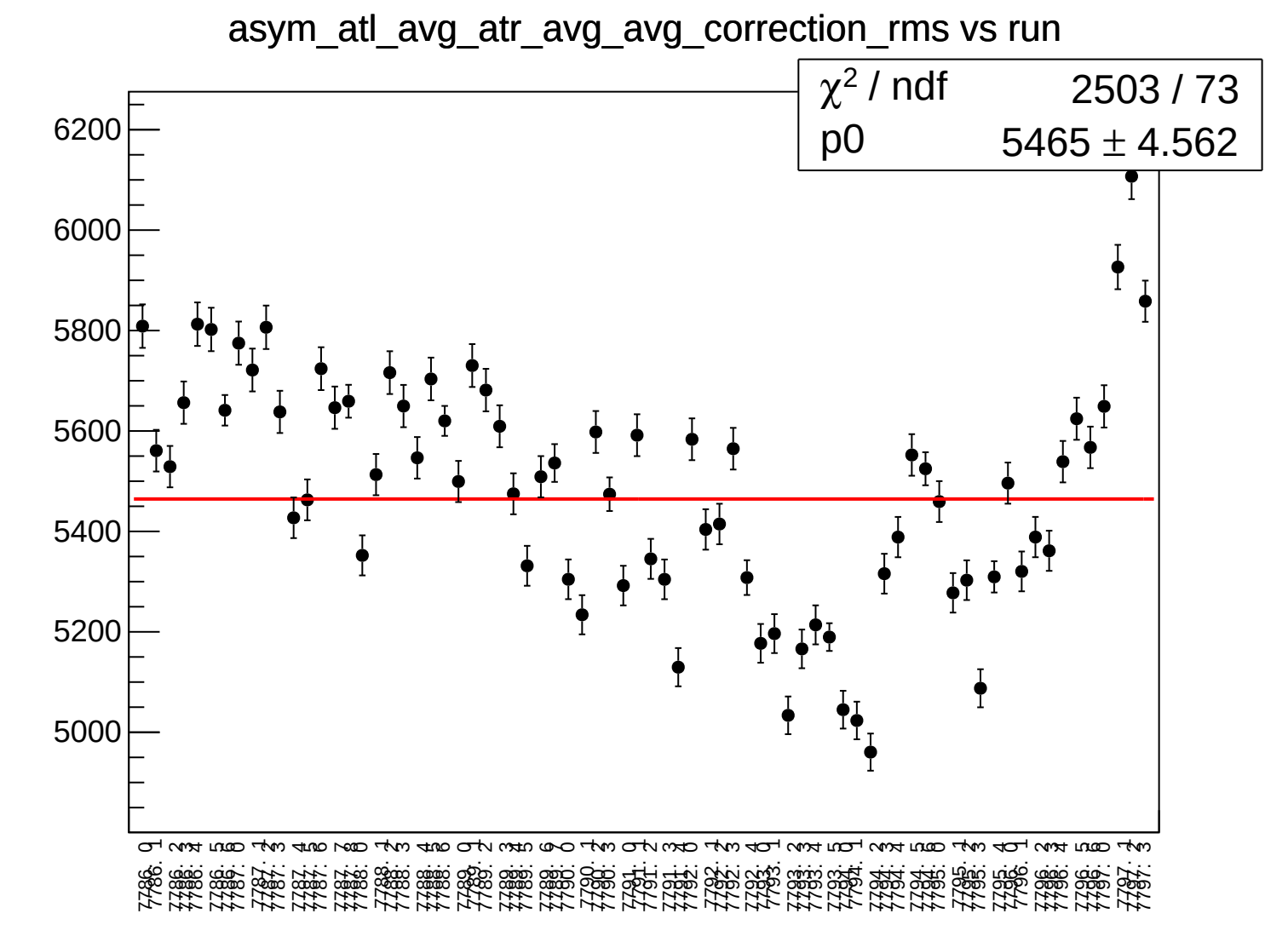

asym_atr_dd_rms vs run
χ² / ndf 2647 / 73
p0 5981 ± 4.994
6600
6400
6200
6000
5800
5600
5400

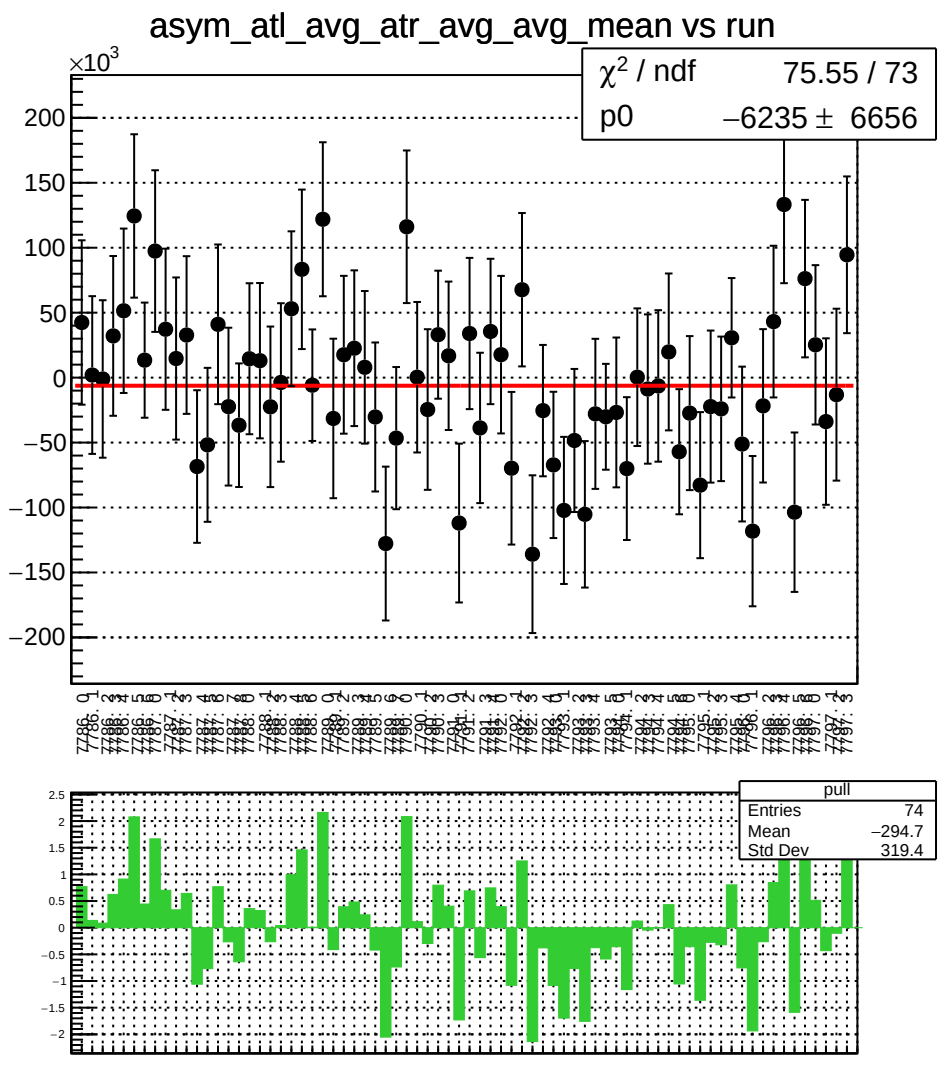

dit_asym_atl_avg_atr_avg_avg_mean vs run
χ² / ndf 95.97 / 73
p0 −4467 ± 1546
40000
20000
0
−20000
−40000
−60000
pull
Entries 74
Mean 164.8
Std Dev 164.9
pull1D
Entries 74
Mean −0.01164
Std Dev 1.139

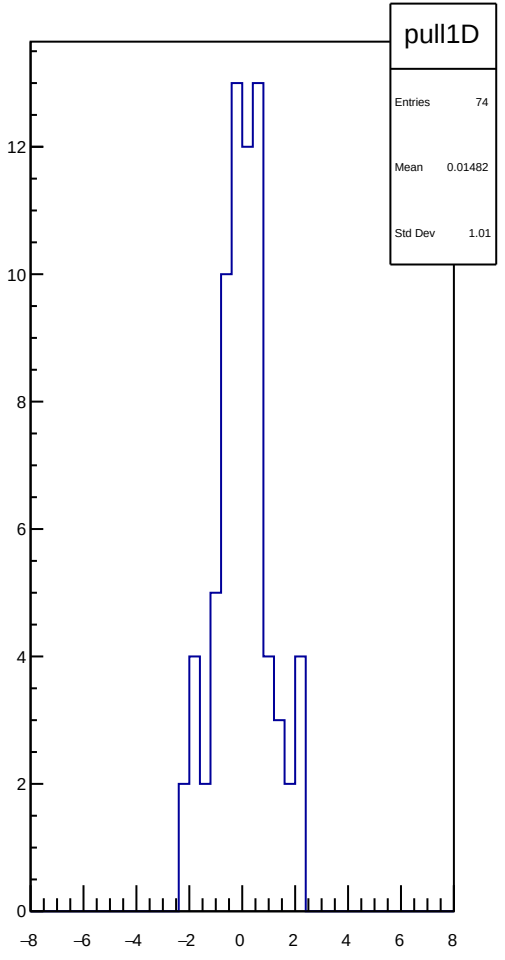

dit_asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 139.6 / 73
p0 1311 ± 1.093
1380
1360
1340
1320
1300
1280

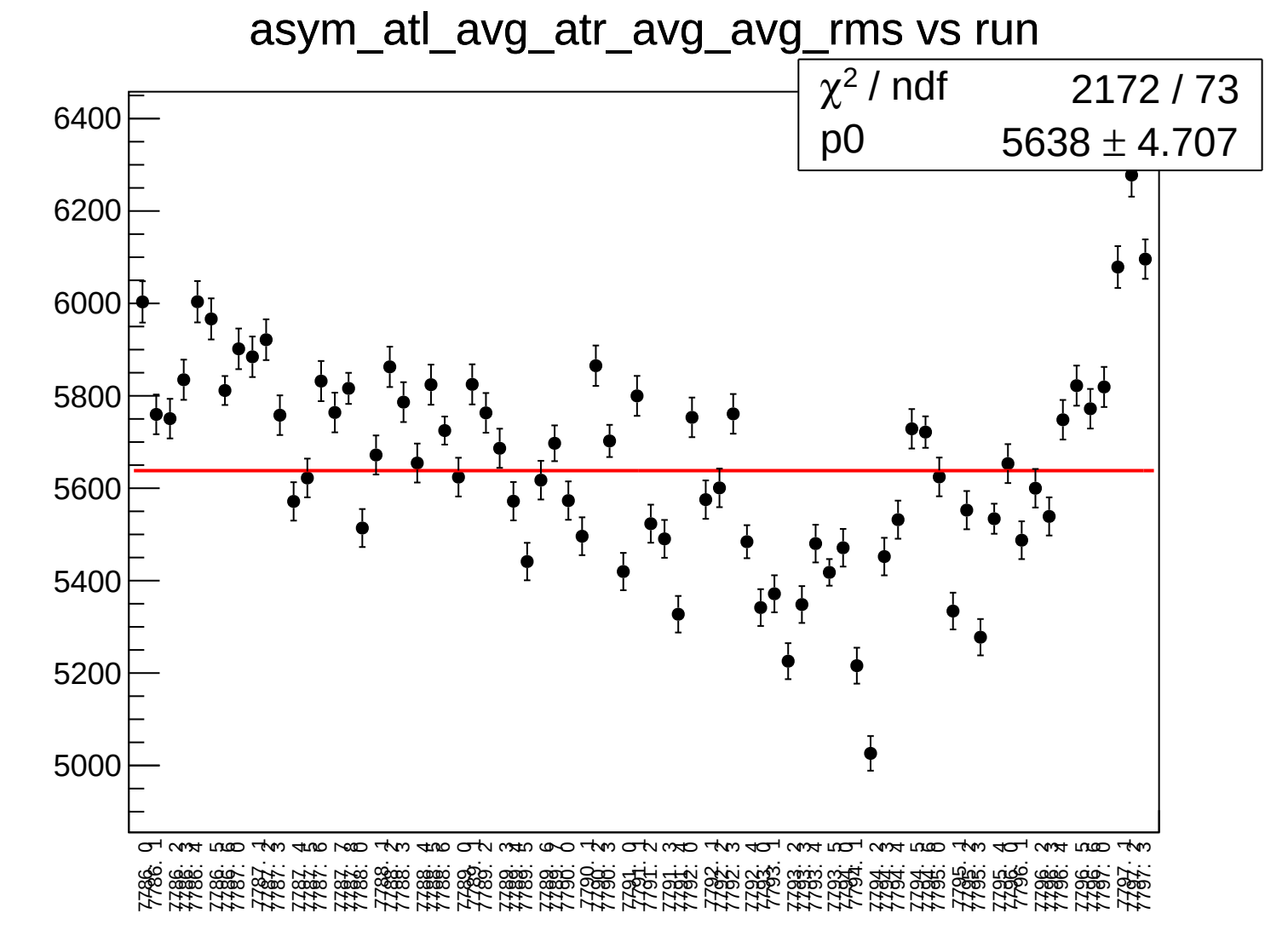

asym_atl_avg_atr_avg_avg_correction_mean vs run
×10^3
χ² / ndf 72.14 / 73
p0 1730 ± 6452
pull
Entries 74
Mean −226.4
Std Dev 253.4

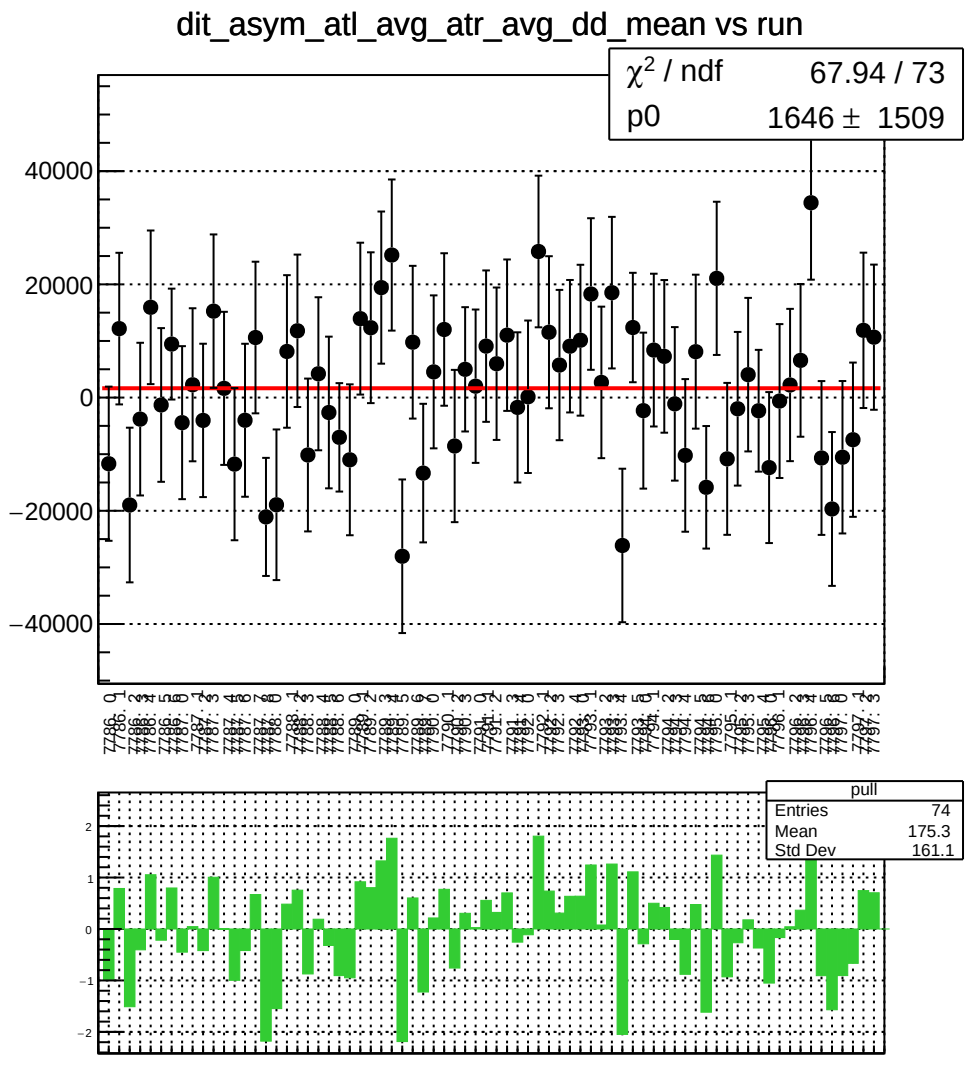

pull1D
Entries 74
Mean −0.01788
Std Dev 0.9872

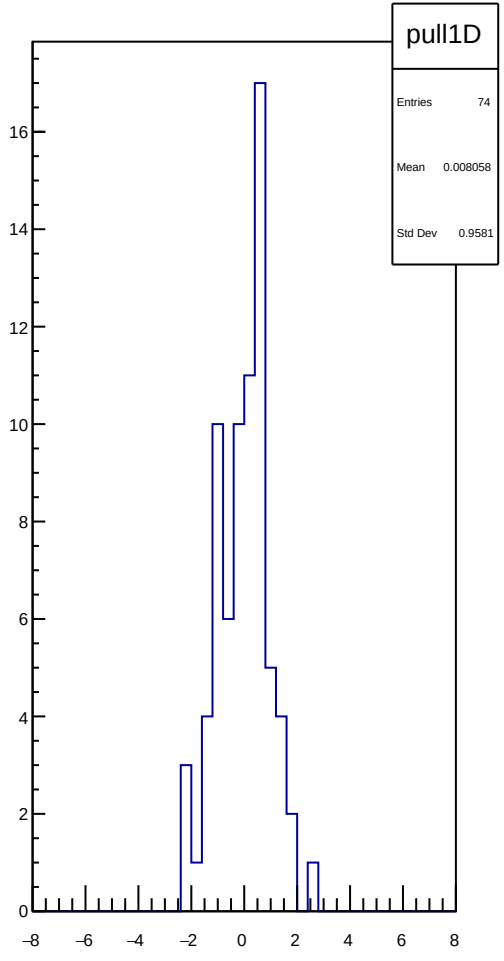

asym_atl_avg_atr_avg_avg_correction_rms vs run
χ² / ndf 2503 / 73
p0 5465 ± 4.562
6200
6000
5800
5600
5400
5200
5000

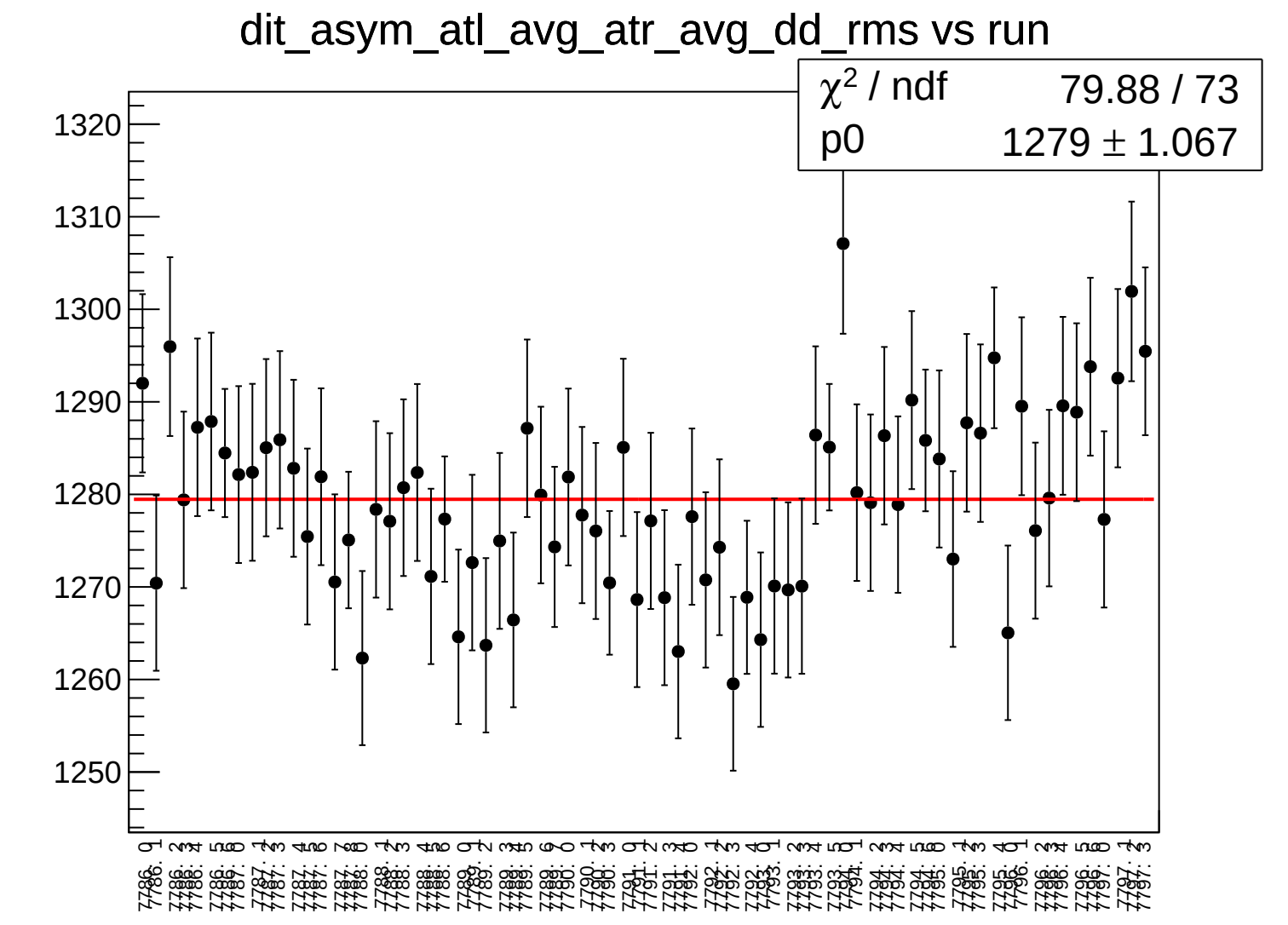

asym_atl_avg_atr_avg_avg_mean vs run
×10^3
χ² / ndf 75.55 / 73
p0 −6235 ± 6656
pull
Entries 74
Mean −294.7
Std Dev 319.4

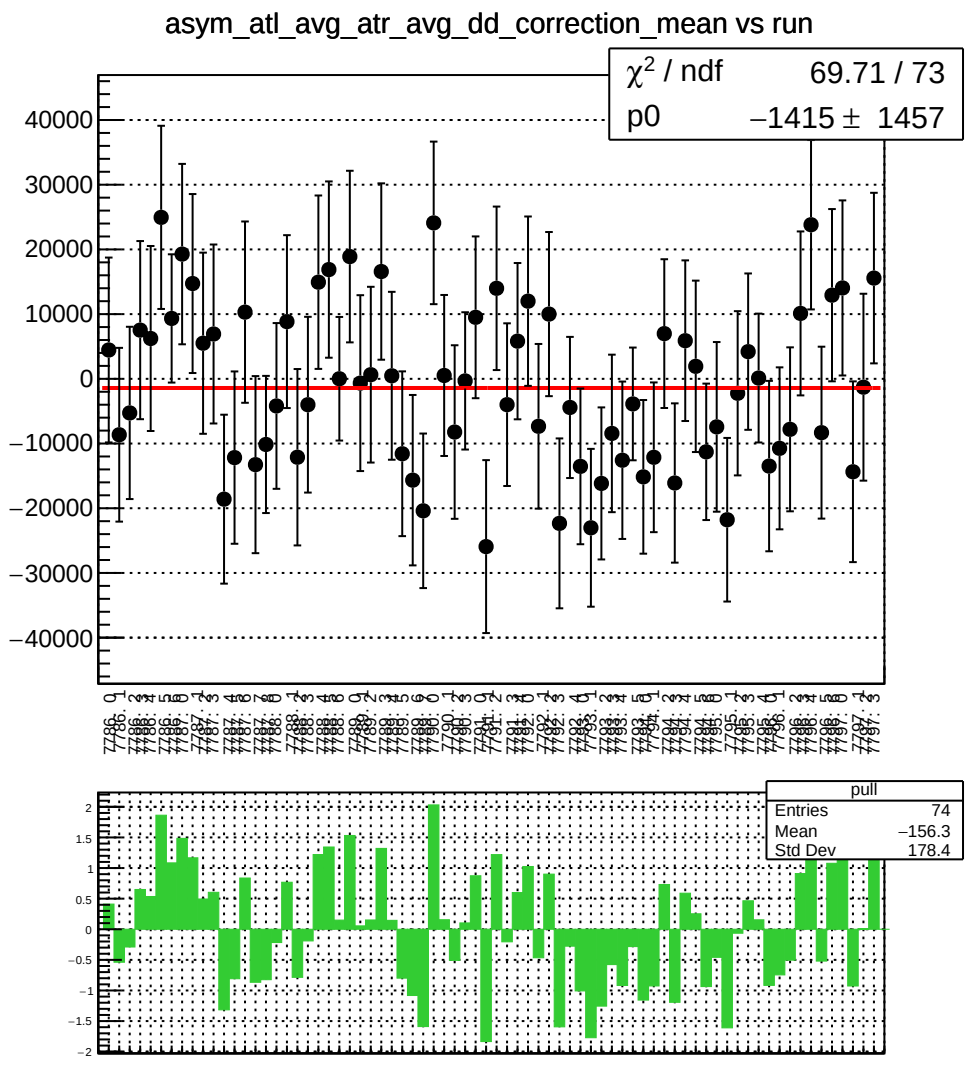

pull1D
Entries 74
Mean 0.01482
Std Dev 1.01

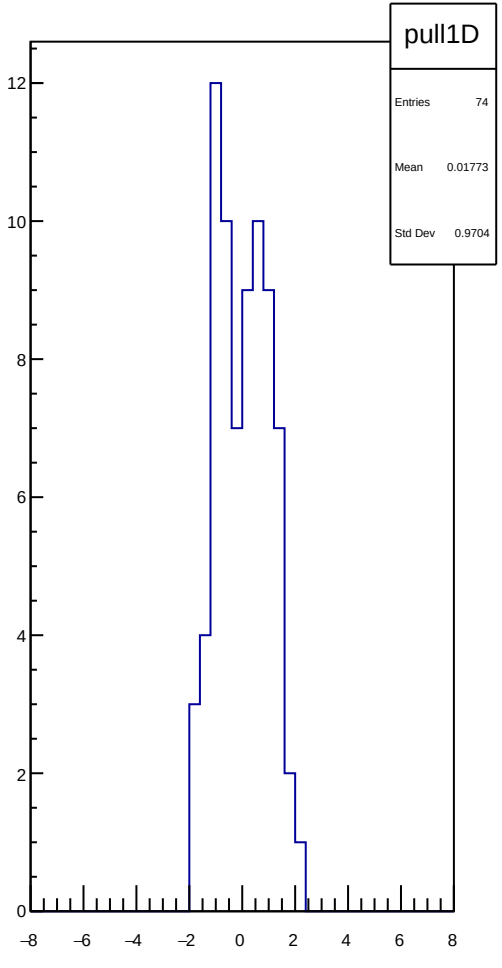

asym_atl_avg_atr_avg_avg_rms vs run
χ² / ndf 2172 / 73
p0 5638 ± 4.707
6400
6200
6000
5800
5600
5400
5200
5000

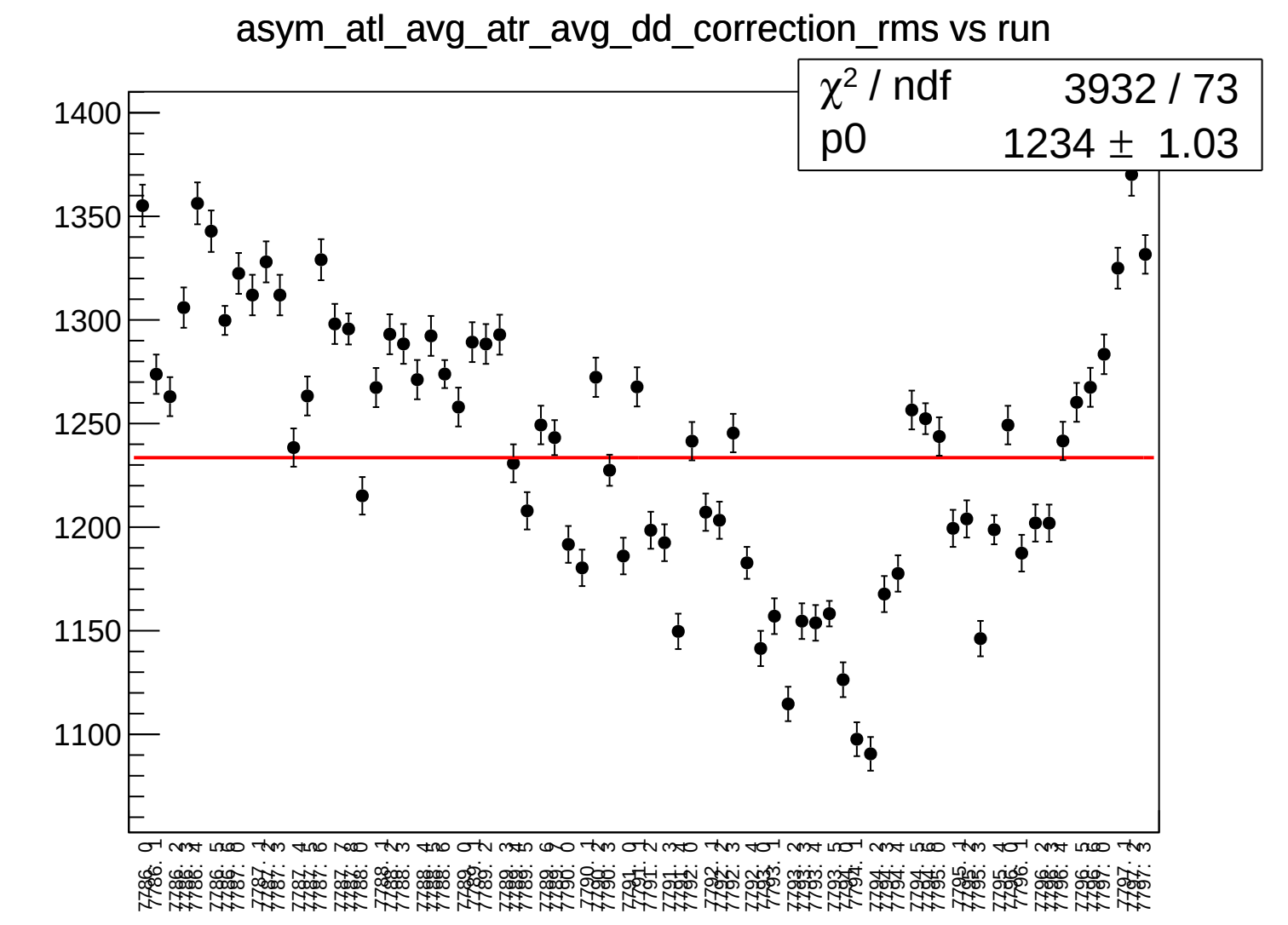

dit_asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 67.94 / 73
p0 1646 ± 1509
40000
20000
0
−20000
−40000
pull
Entries 74
Mean 175.3
Std Dev 161.1
2
1
0
−1
−2

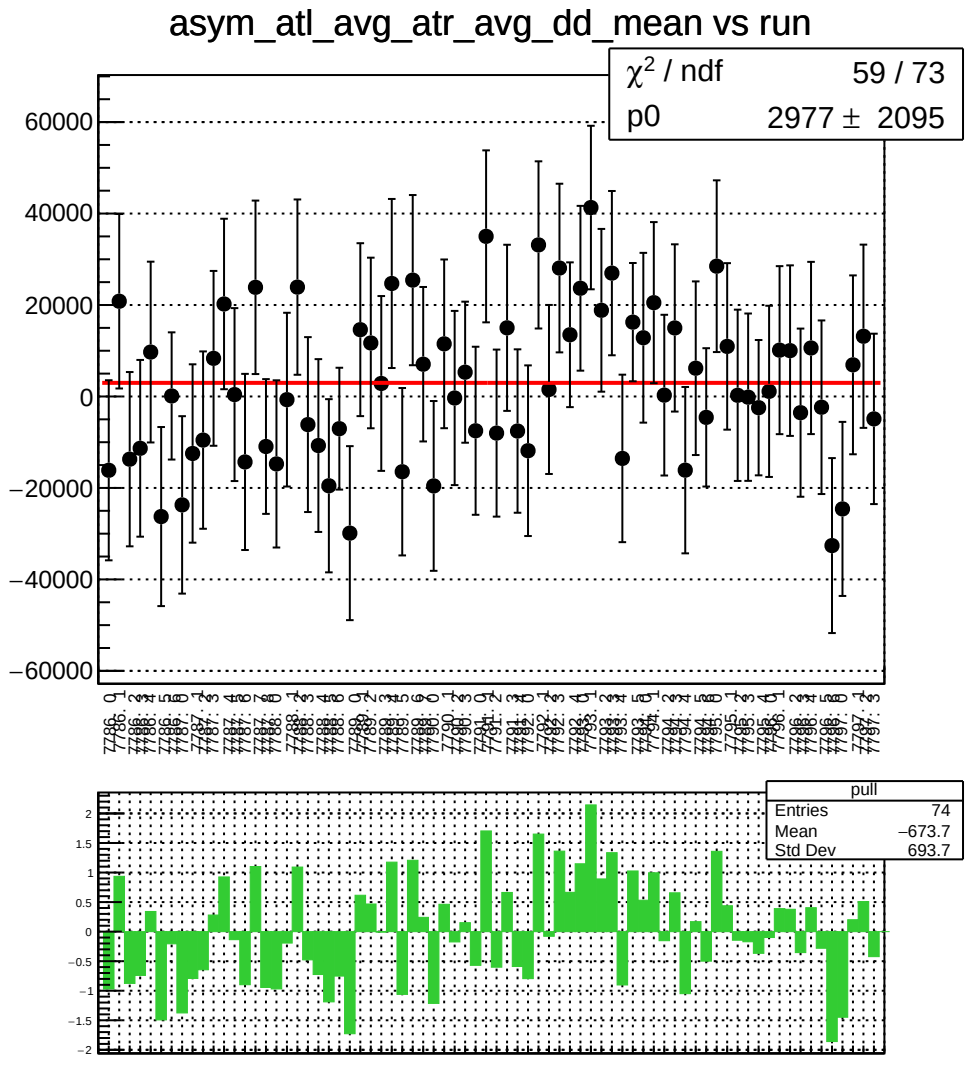

pull1D
Entries 74
Mean 0.008058
Std Dev 0.9581
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

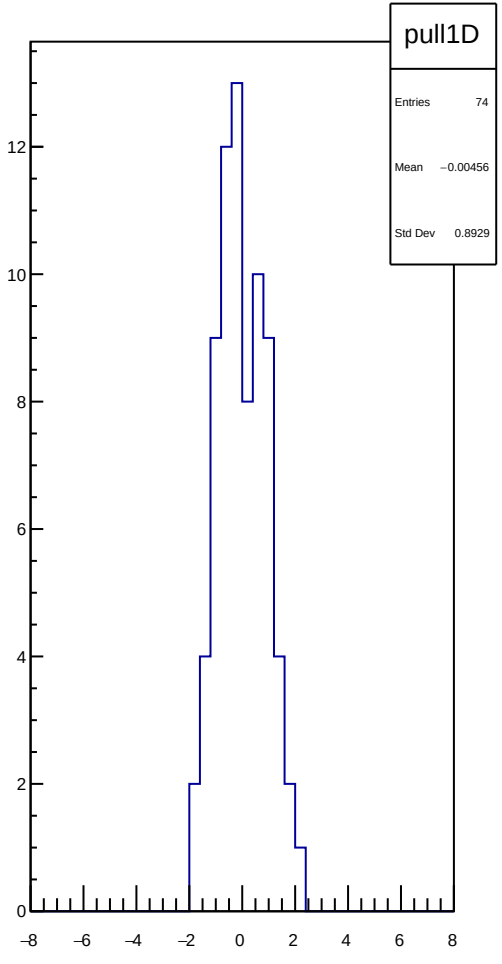

dit_asym_atl_avg_atr_avg_dd_rms vs run
$\chi^2$ / ndf 79.88 / 73
p0 1279 ± 1.067
1320
1310
1300
1290
1280
1270
1260
1250

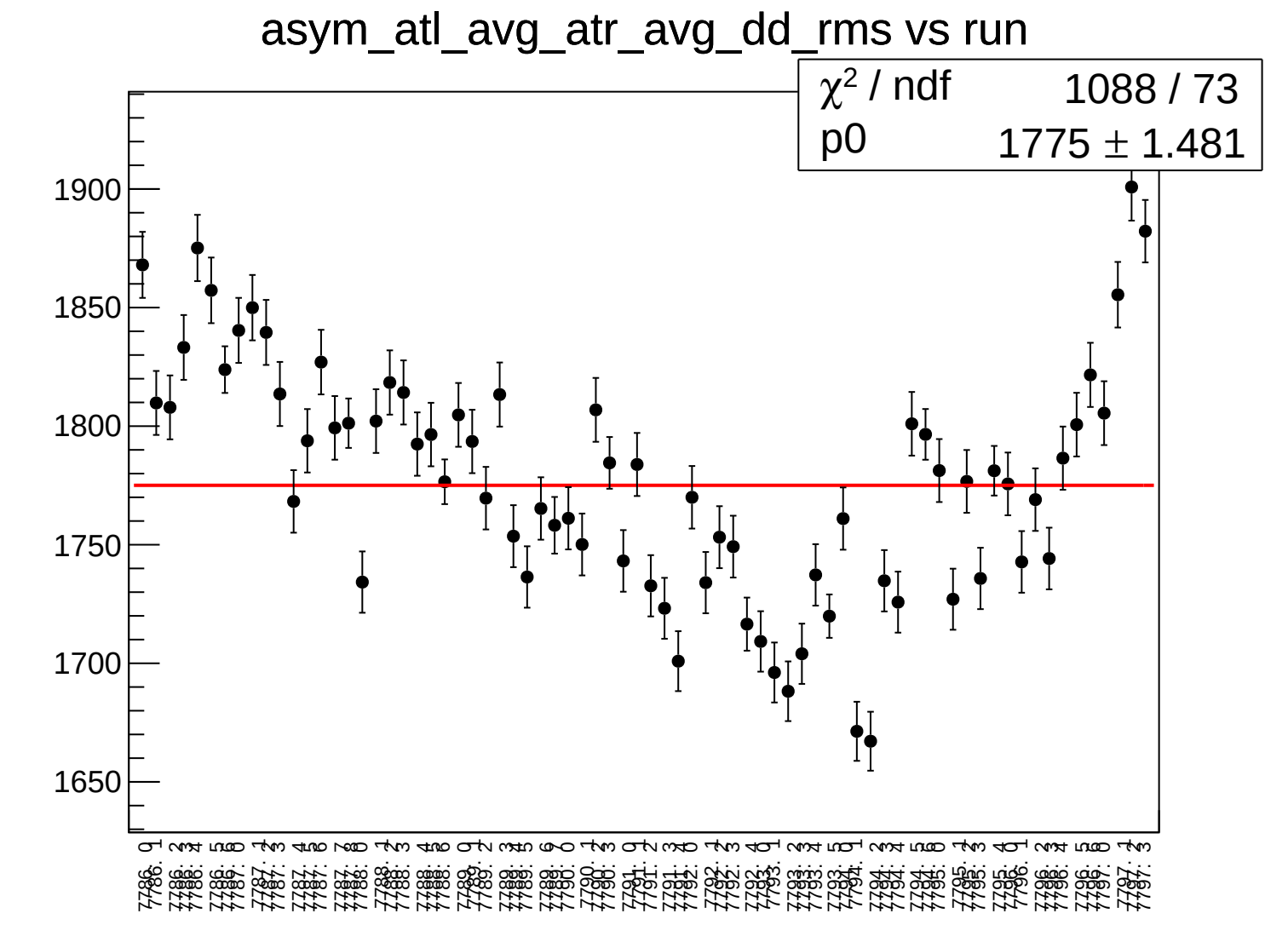

asym_atl_avg_atr_avg_dd_correction_mean vs run
χ² / ndf 69.71 / 73
p0 −1415 ± 1457
pull
Entries 74
Mean −156.3
Std Dev 178.4

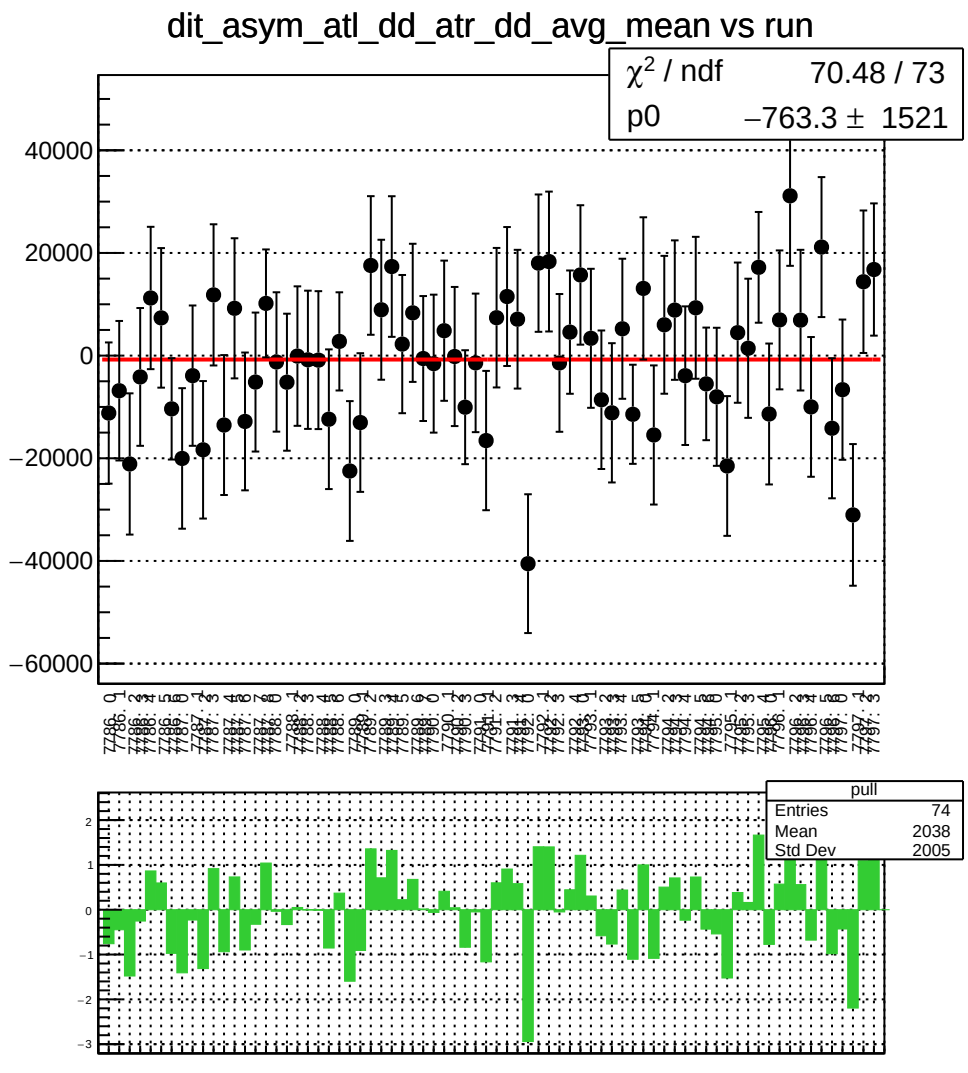

pull1D
Entries 74
Mean 0.01773
Std Dev 0.9704

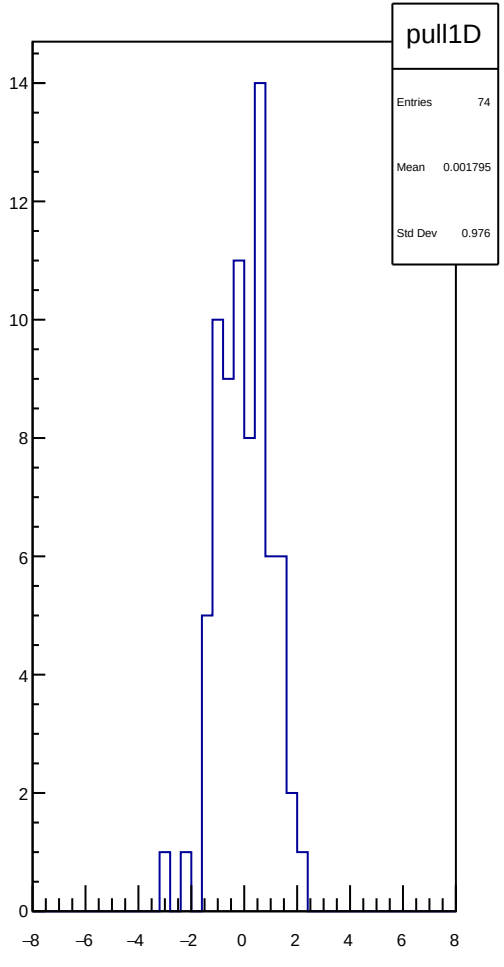

asym_atl_avg_atr_avg_dd_correction_rms vs run
χ² / ndf 3932 / 73
p0 1234 ± 1.03
1400
1350
1300
1250
1200
1150
1100

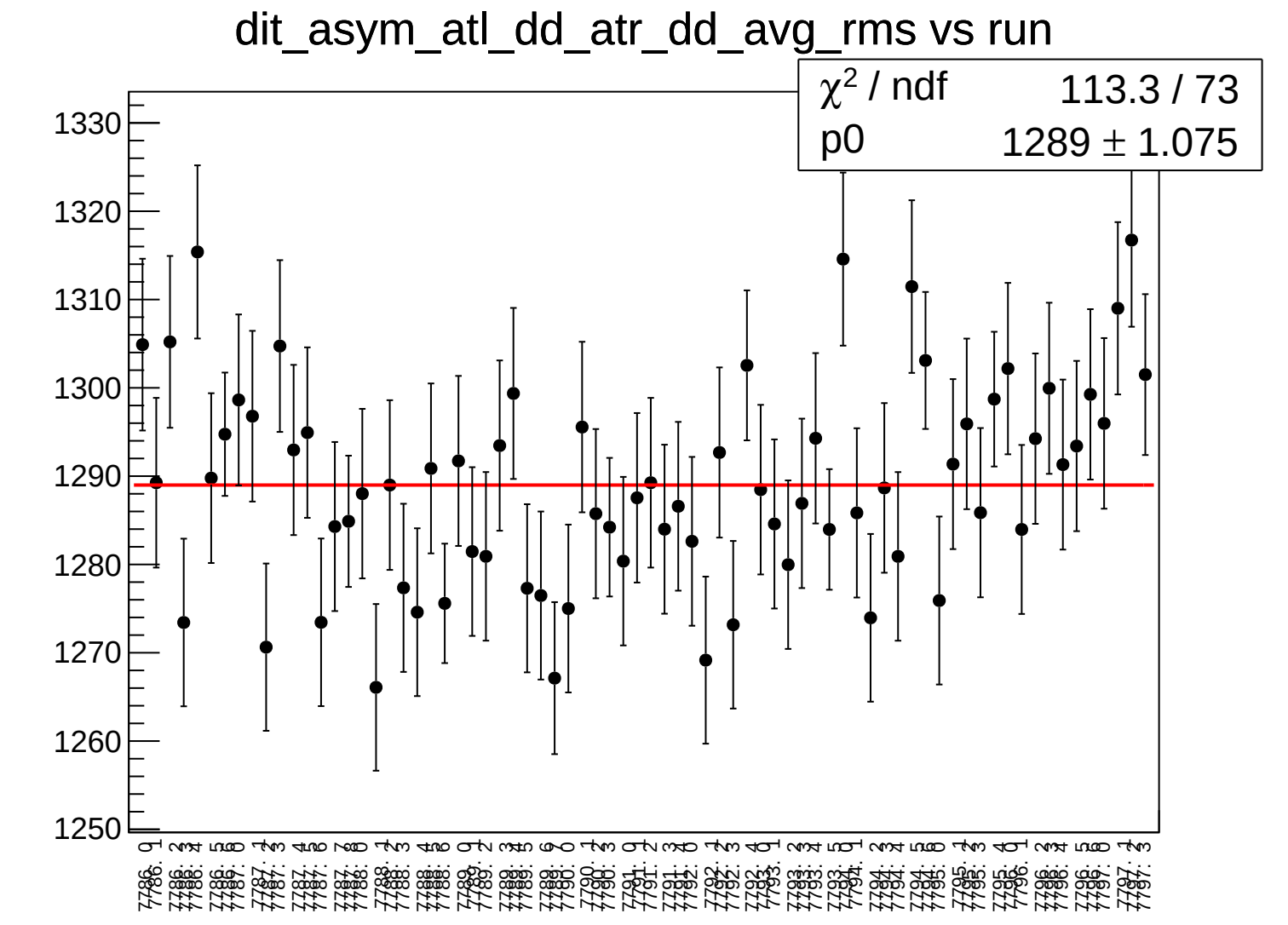

asym_atl_avg_atr_avg_dd_mean vs run
χ² / ndf 59 / 73
p0 2977 ± 2095
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 74
Mean −673.7
Std Dev 693.7
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

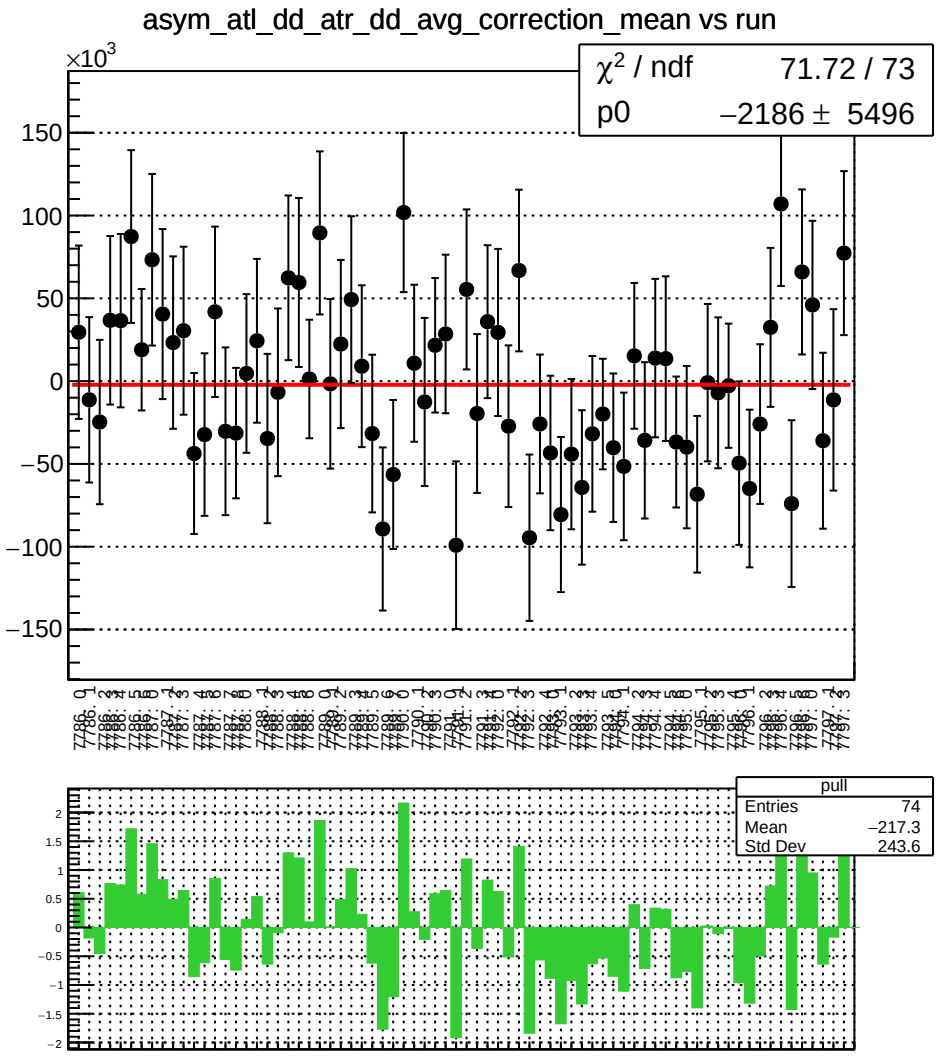

pull1D
Entries 74
Mean −0.00456
Std Dev 0.8929
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

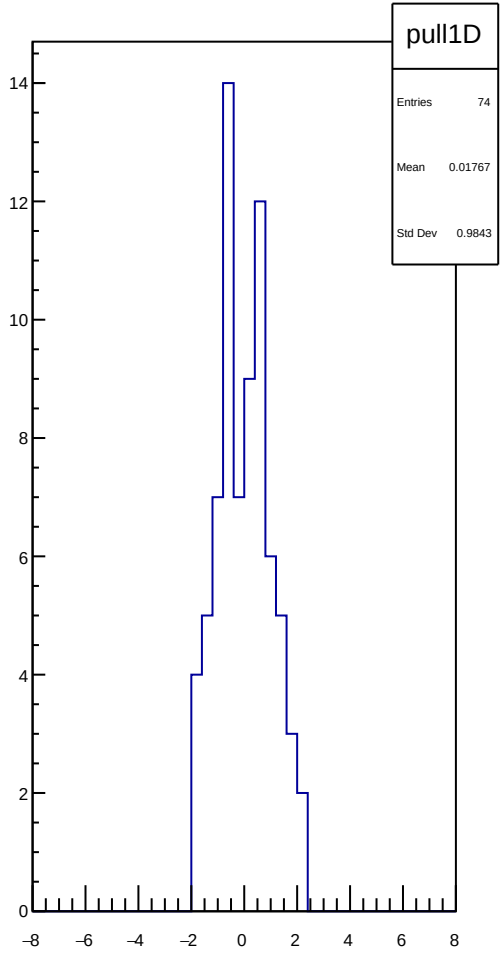

asym_atl_avg_atr_avg_dd_rms vs run
χ² / ndf 1088 / 73
p0 1775 ± 1.481
1900
1850
1800
1750
1700
1650

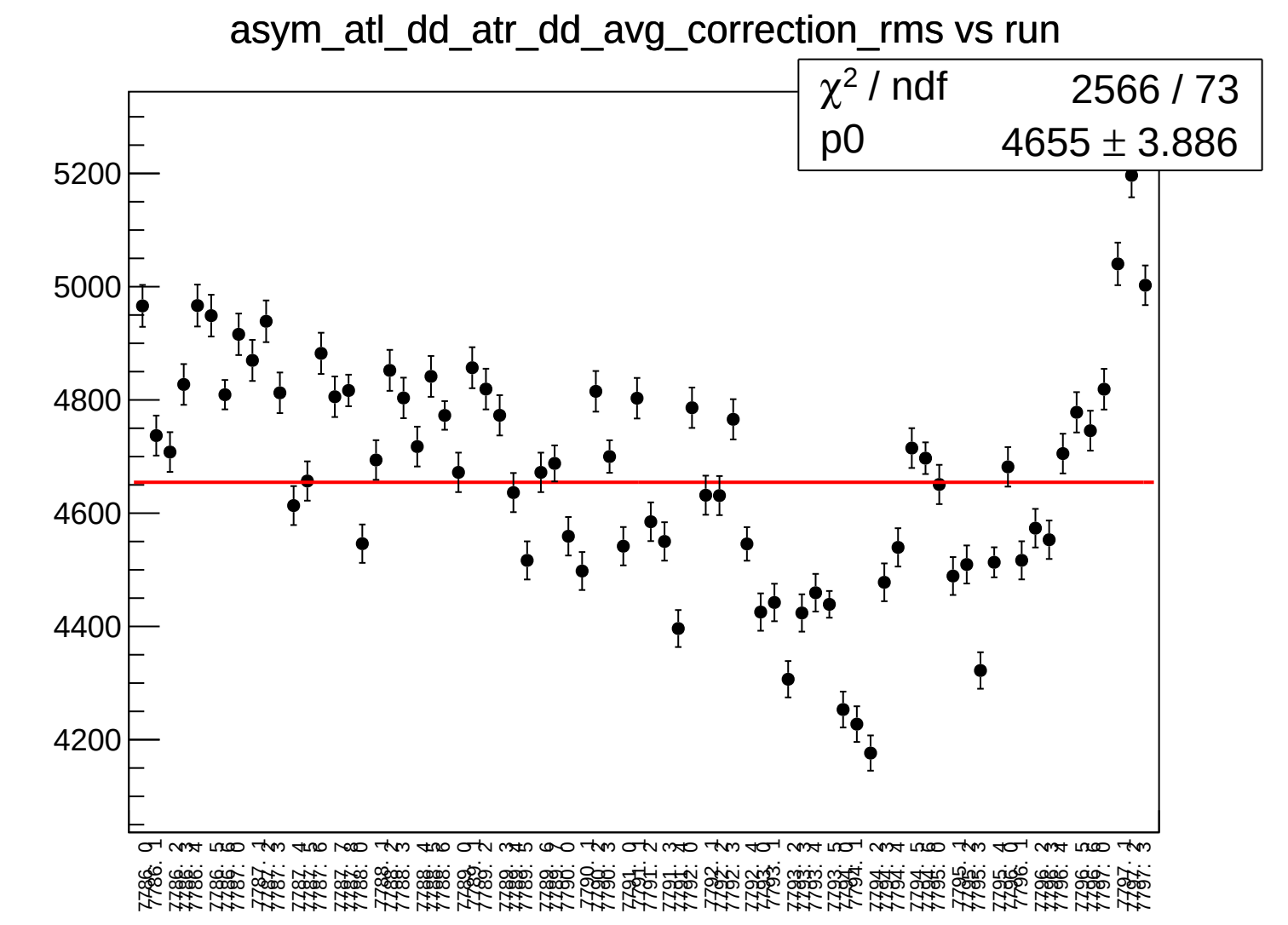

dit_asym_atl_dd_atr_dd_avg_mean vs run
χ² / ndf 70.48 / 73
p0 −763.3 ± 1521
40000
20000
0
−20000
−40000
−60000
pull
Entries 74
Mean 2038
Std Dev 2005
2
1
0
−1
−2
−3

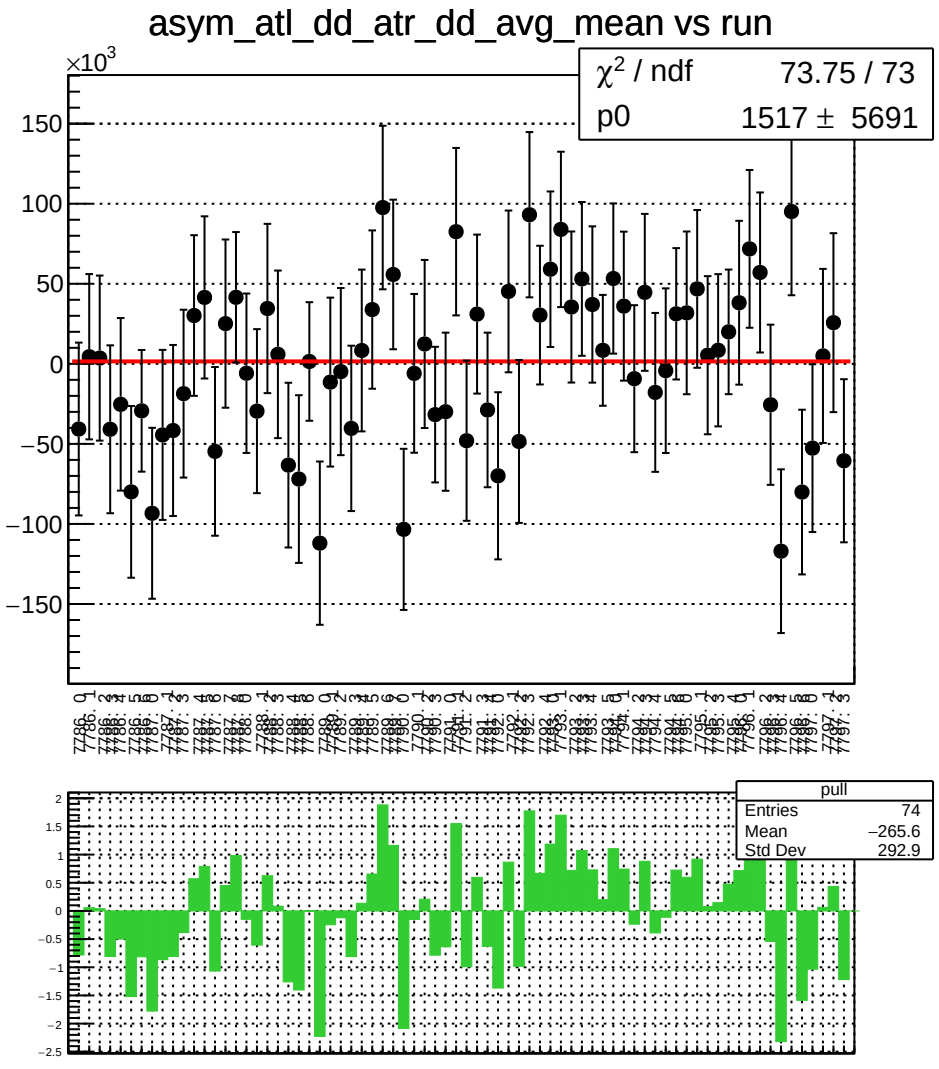

pull1D
Entries 74
Mean 0.001795
Std Dev 0.976
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

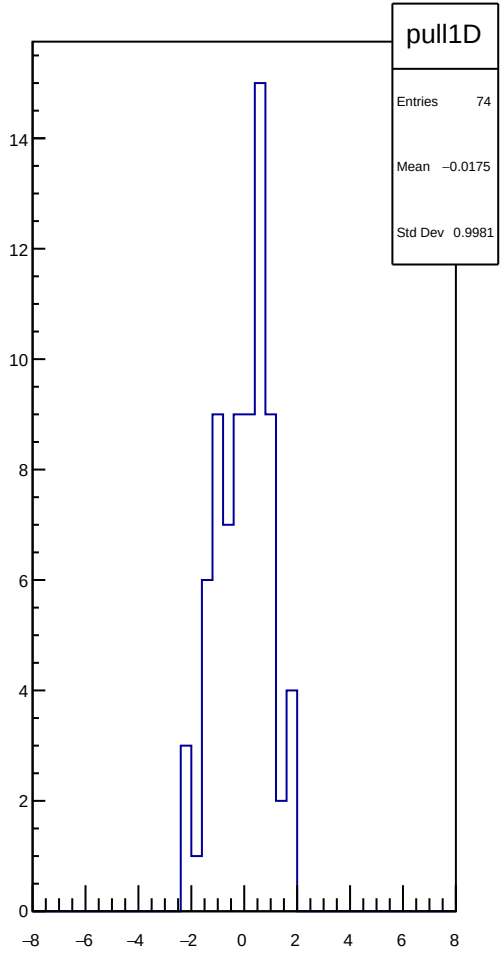

dit_asym_atl_dd_atr_dd_avg_rms vs run
χ² / ndf 113.3 / 73
p0 1289 ± 1.075
1330
1320
1310
1300
1290
1280
1270
1260
1250

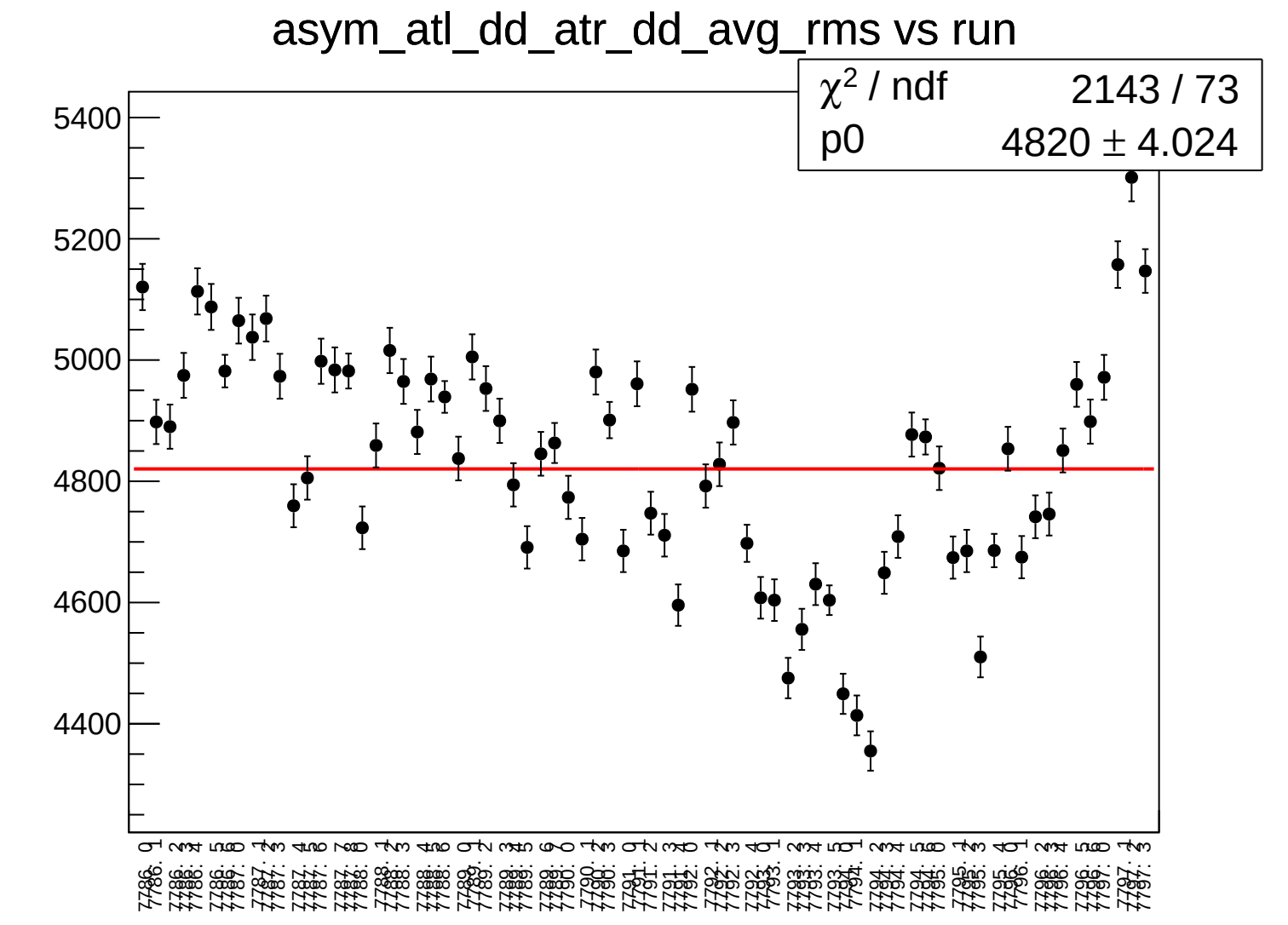

asym_atl_dd_atr_dd_avg_correction_mean vs run
×10^3
χ² / ndf 71.72 / 73
p0 −2186 ± 5496
150
100
50
0
−50
−100
−150
pull
Entries 74
Mean −217.3
Std Dev 243.6
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

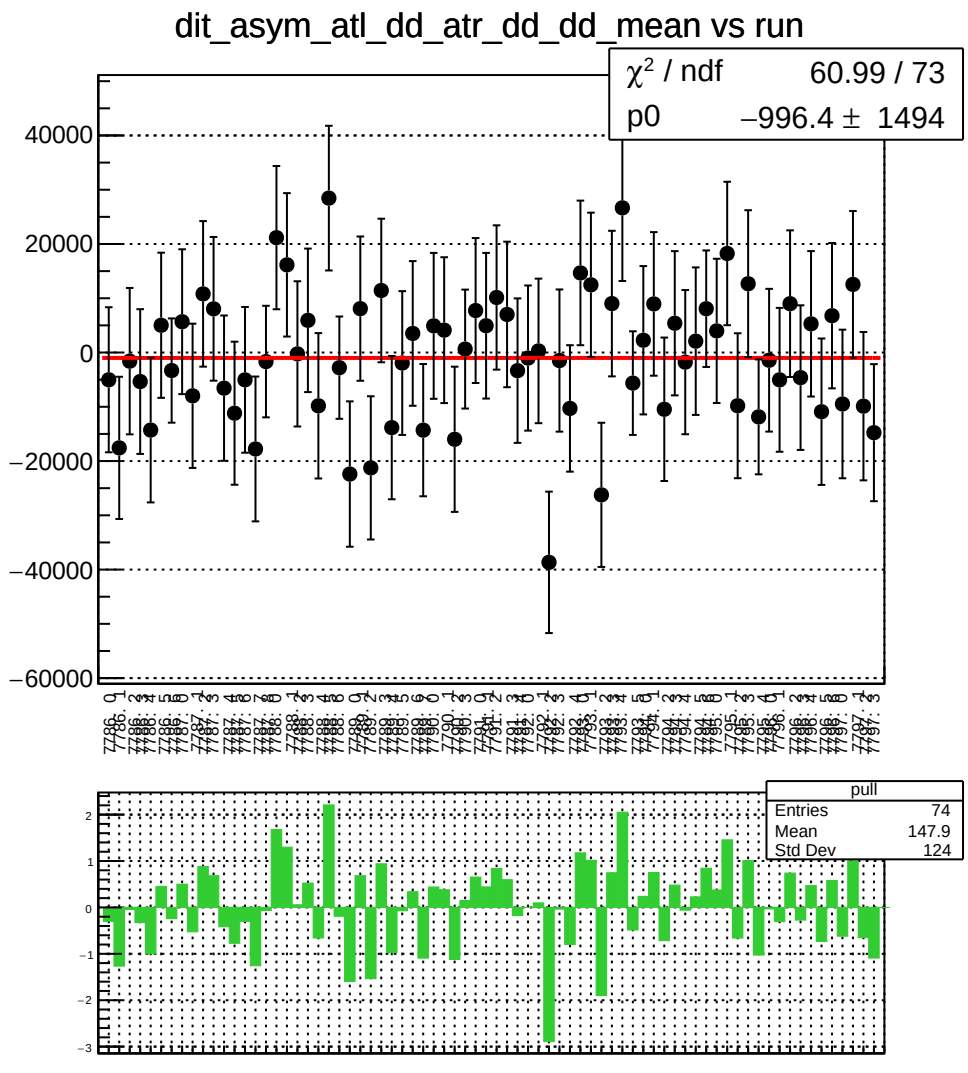

pull1D
Entries 74
Mean 0.01767
Std Dev 0.9843
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

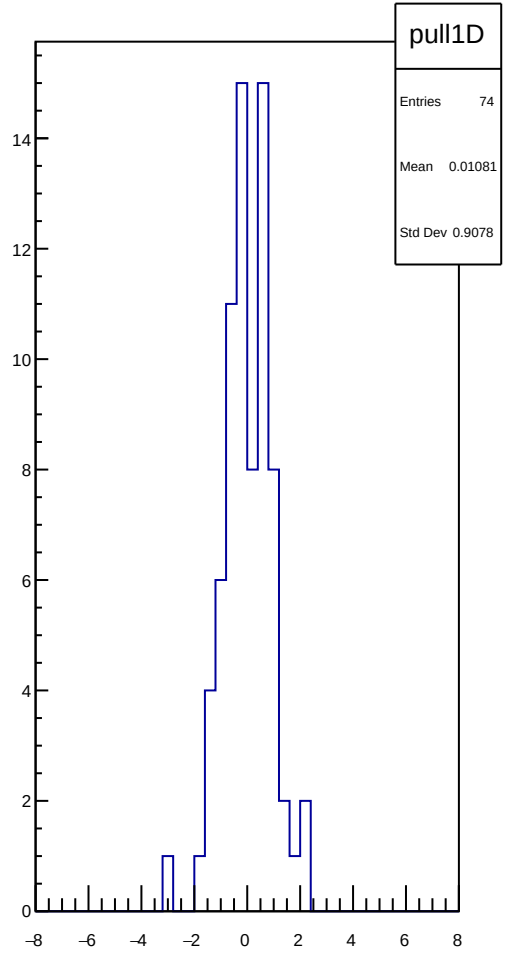

asym_atl_dd_atr_dd_avg_correction_rms vs run
$\chi^2$ / ndf 2566 / 73
p0 4655 ± 3.886
5200
5000
4800
4600
4400
4200

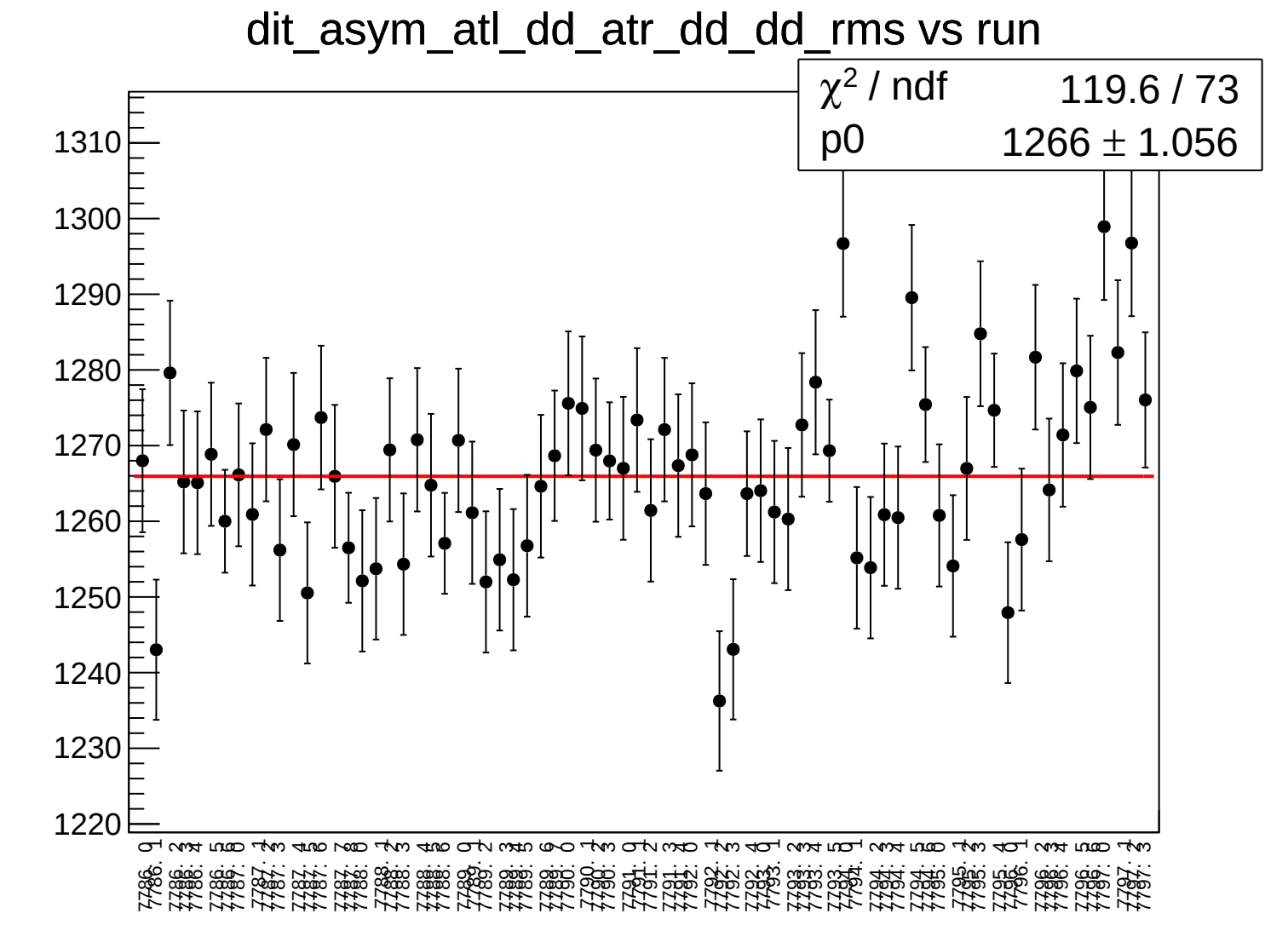

asym_atl_dd_atr_dd_avg_mean vs run
×10^3
χ² / ndf 73.75 / 73
p0 1517 ± 5691
150
100
50
0
−50
−100
−150
pull
Entries 74
Mean −265.6
Std Dev 292.9
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

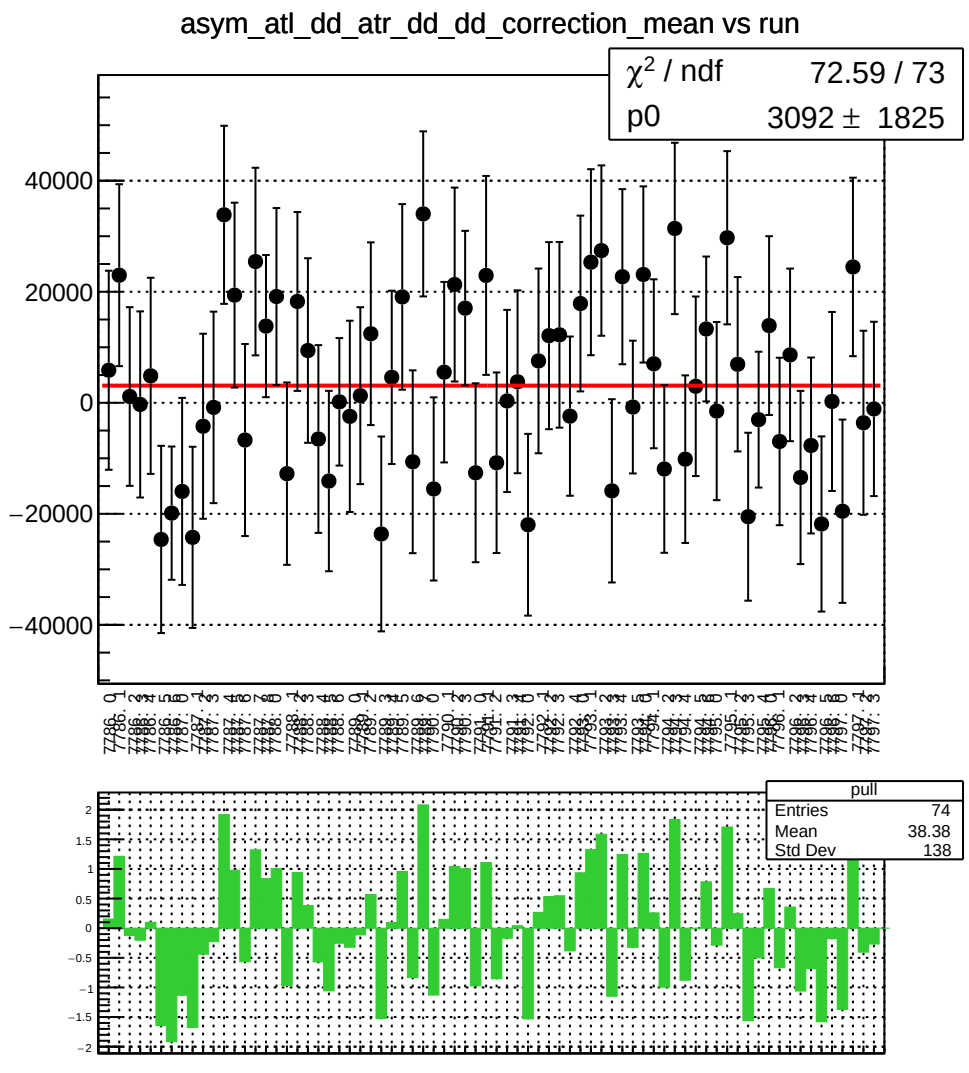

pull1D
Entries 74
Mean −0.0175
Std Dev 0.9981
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

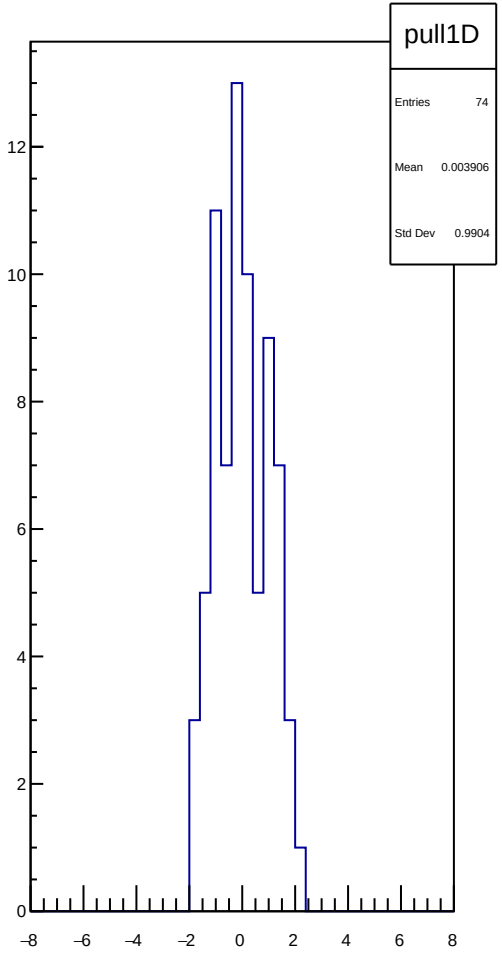

asym_atl_dd_atr_dd_avg_rms vs run
$\chi^2$ / ndf 2143 / 73
p0 4820 ± 4.024
5400
5200
5000
4800
4600
4400

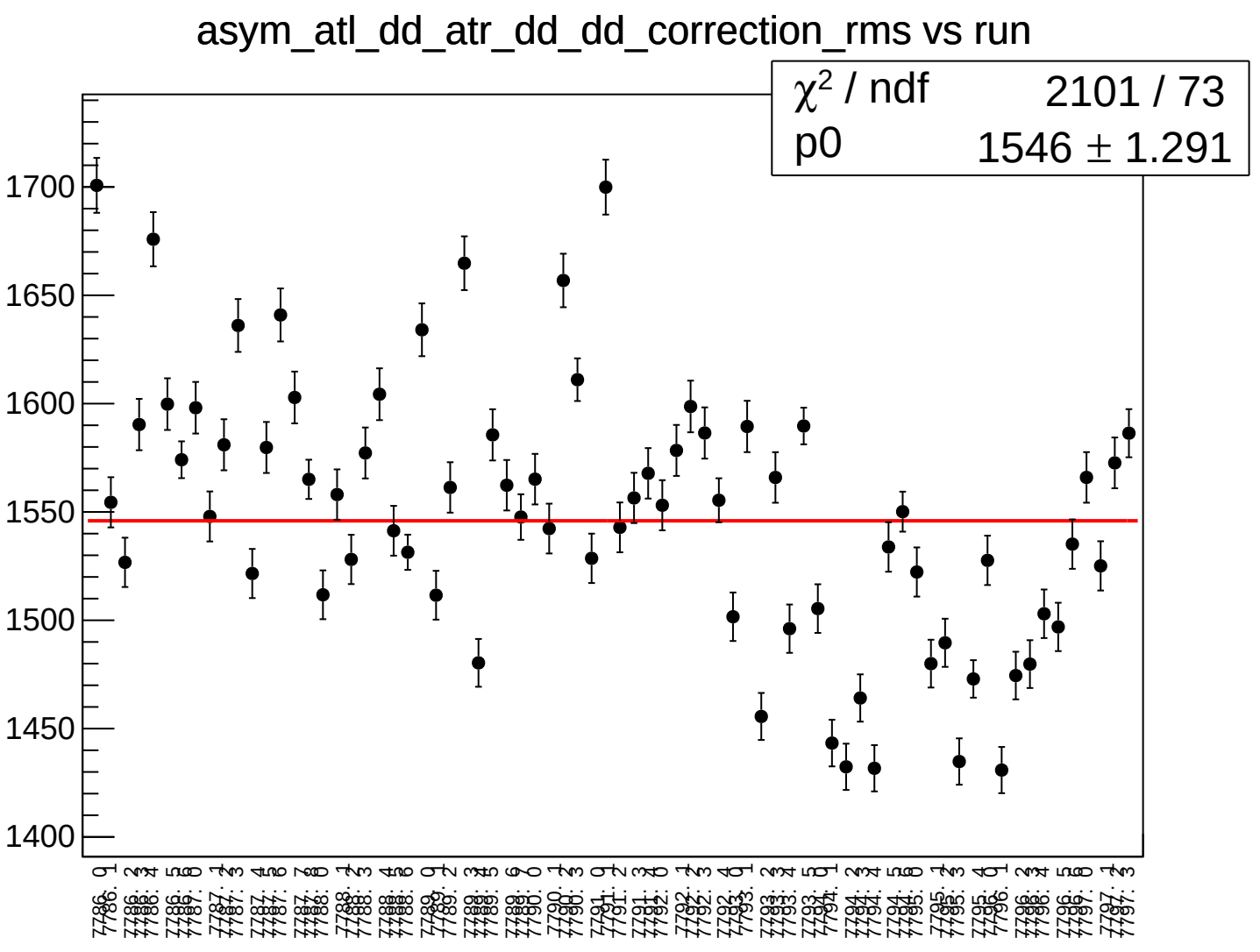

dit_asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 60.99 / 73
p0 −996.4 ± 1494
40000
20000
0
−20000
−40000
−60000
pull
Entries 74
Mean 147.9
Std Dev 124
2
1
0
−1
−2
−3

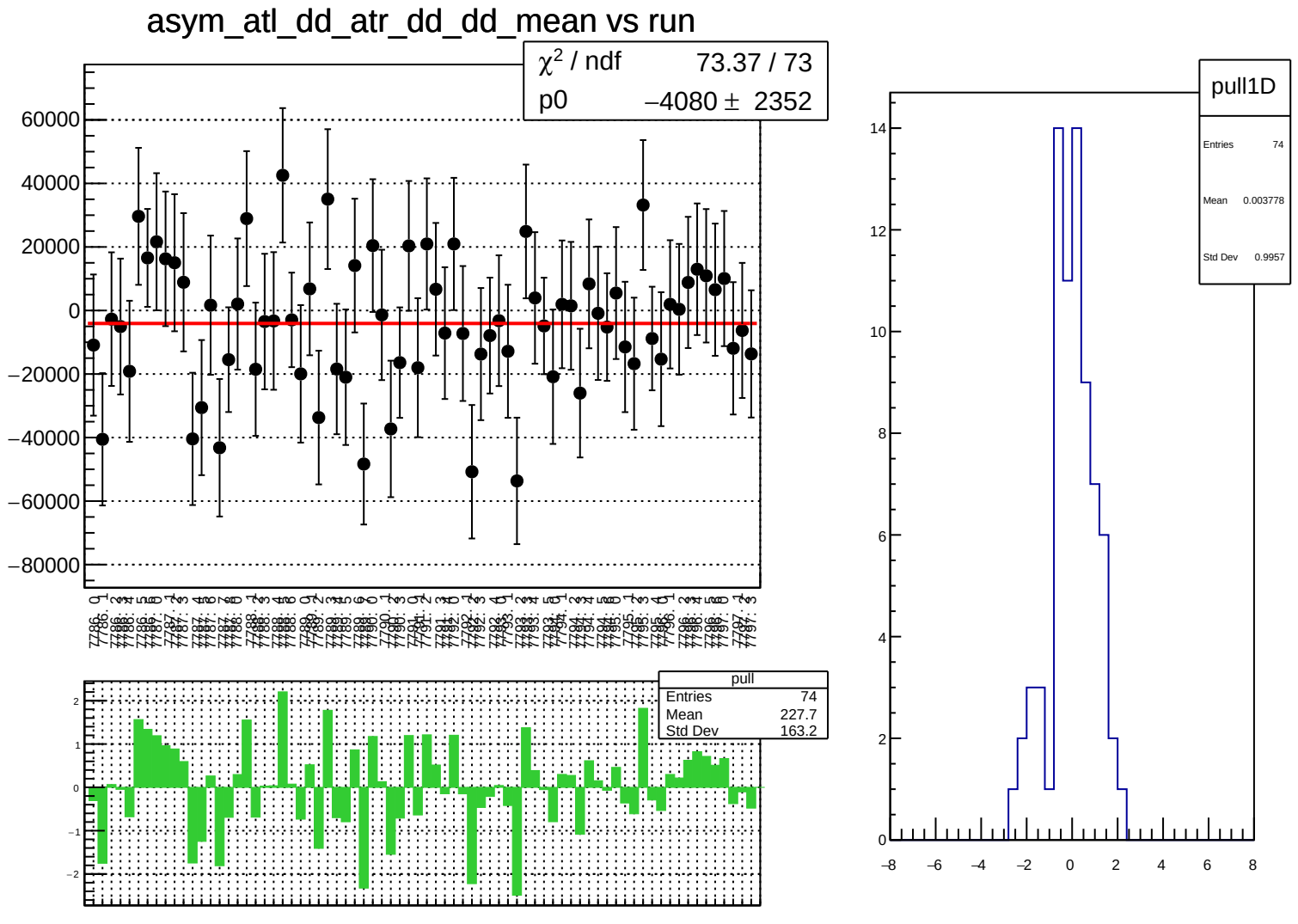

pull1D
Entries 74
Mean 0.01081
Std Dev 0.9078
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

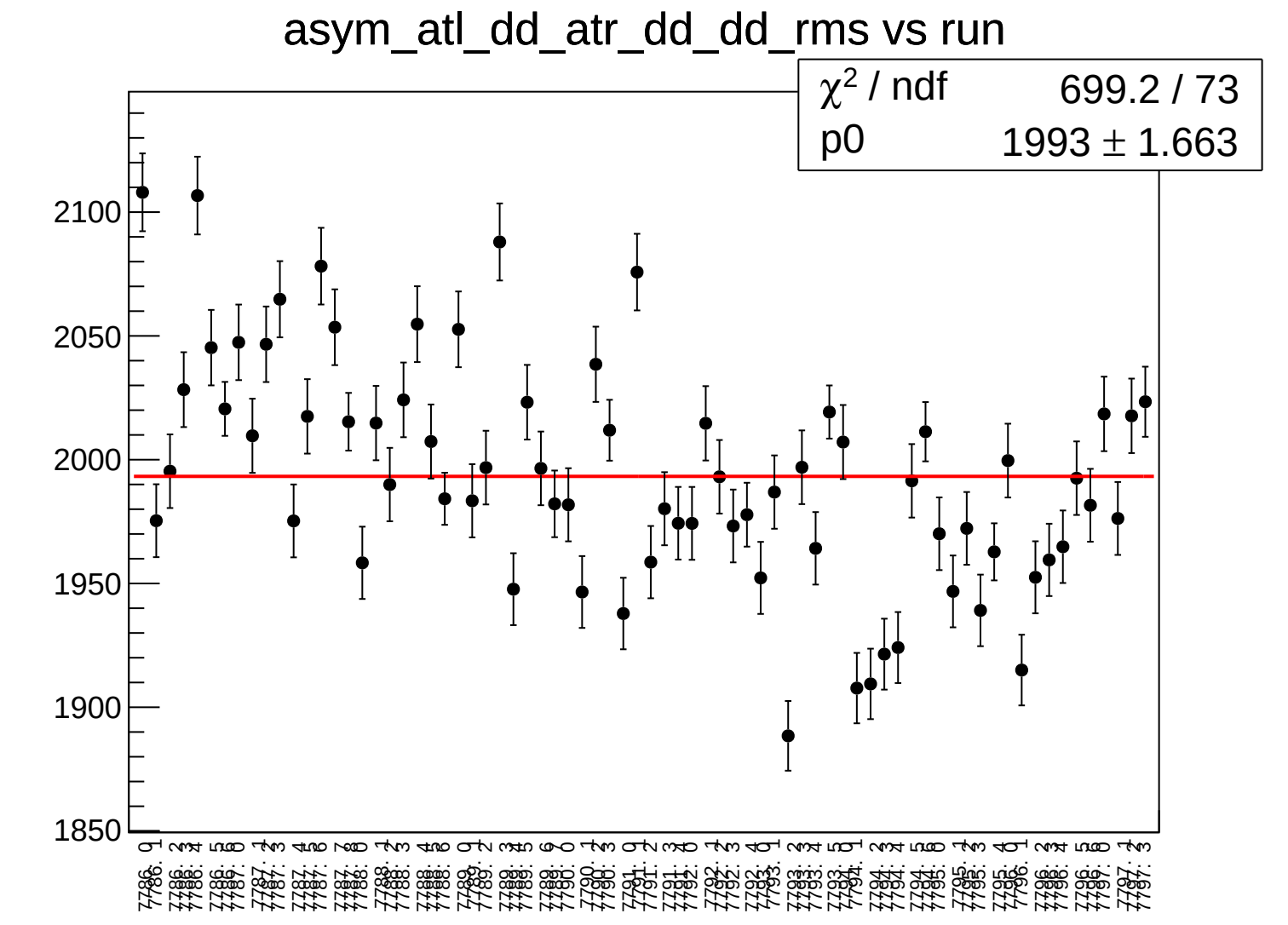

dit_asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 119.6 / 73
p0 1266 ± 1.056
1310
1300
1290
1280
1270
1260
1250
1240
1230
1220

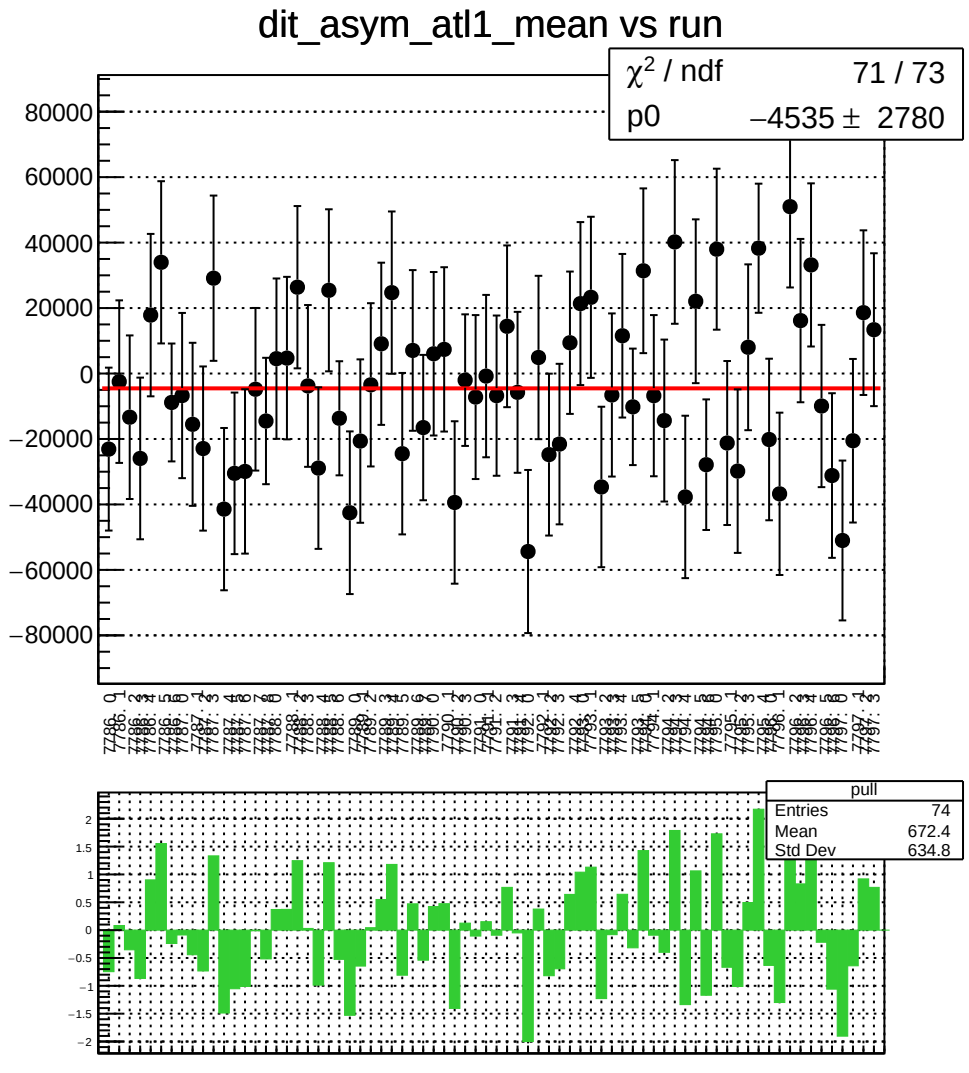

asym_atl_dd_atr_dd_dd_correction_mean vs run
χ² / ndf 72.59 / 73
p0 3092 ± 1825
40000
20000
0
−20000
−40000
pull
Entries 74
Mean 38.38
Std Dev 138
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

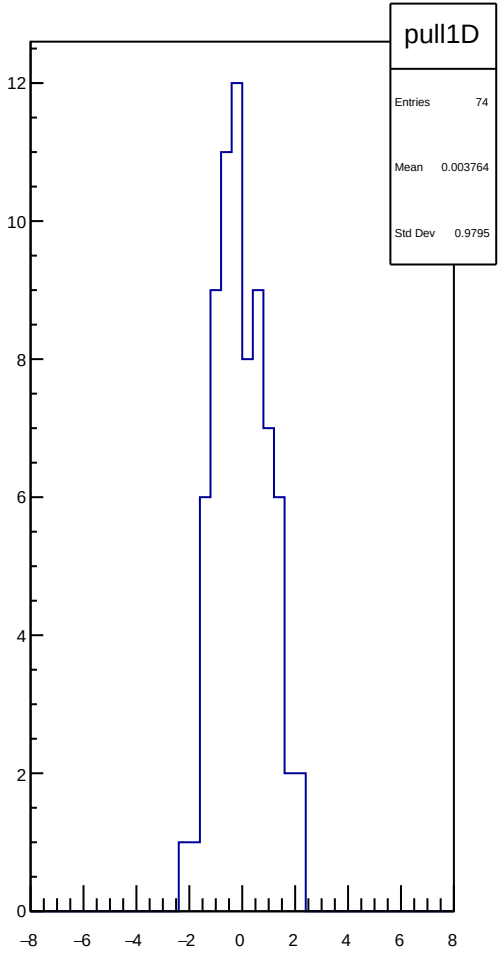

pull1D
Entries 74
Mean 0.003906
Std Dev 0.9904
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

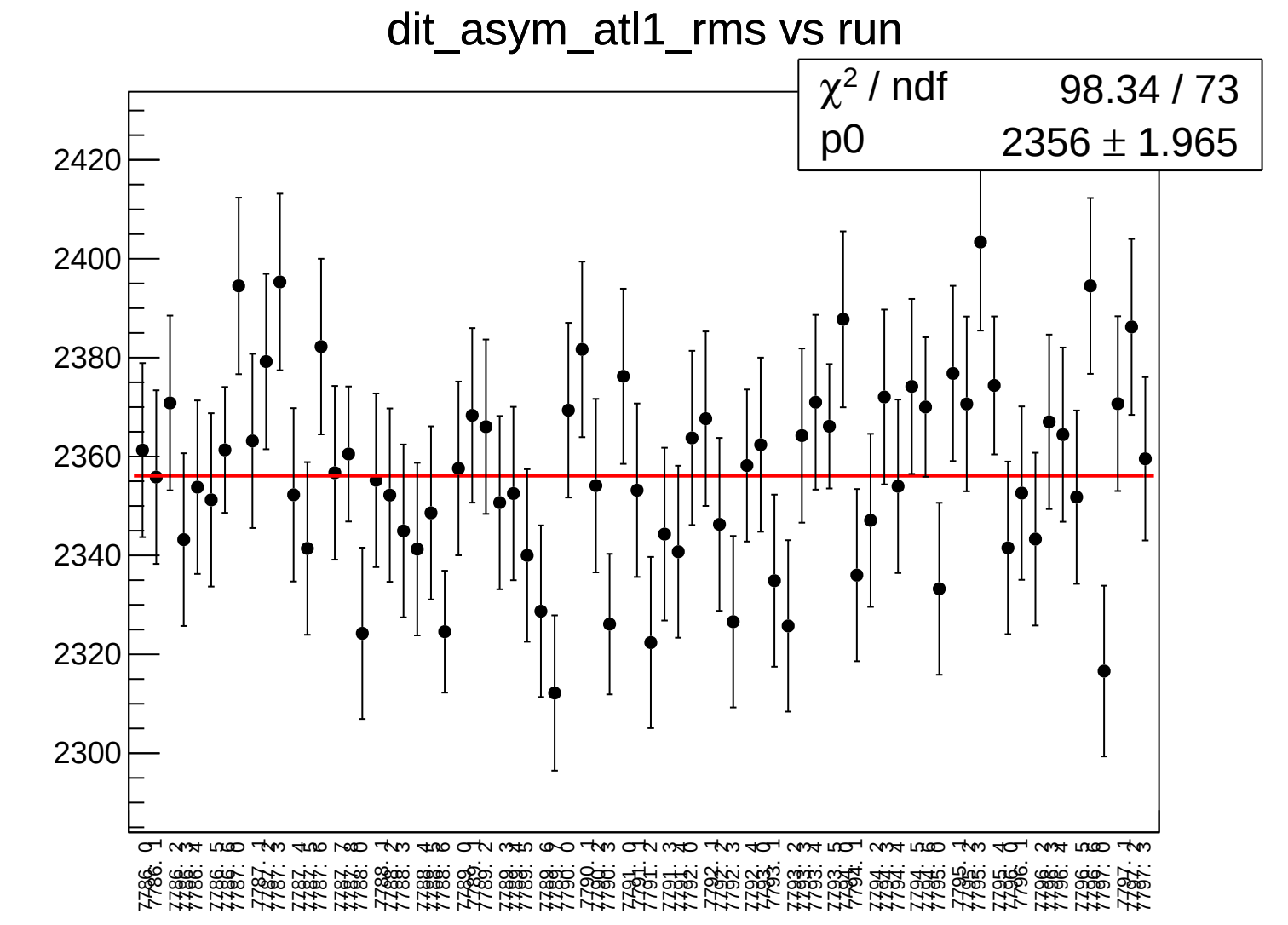

asym_atl_dd_atr_dd_dd_correction_rms vs run
χ² / ndf 2101 / 73
p0 1546 ± 1.291
1700
1650
1600
1550
1500
1450
1400

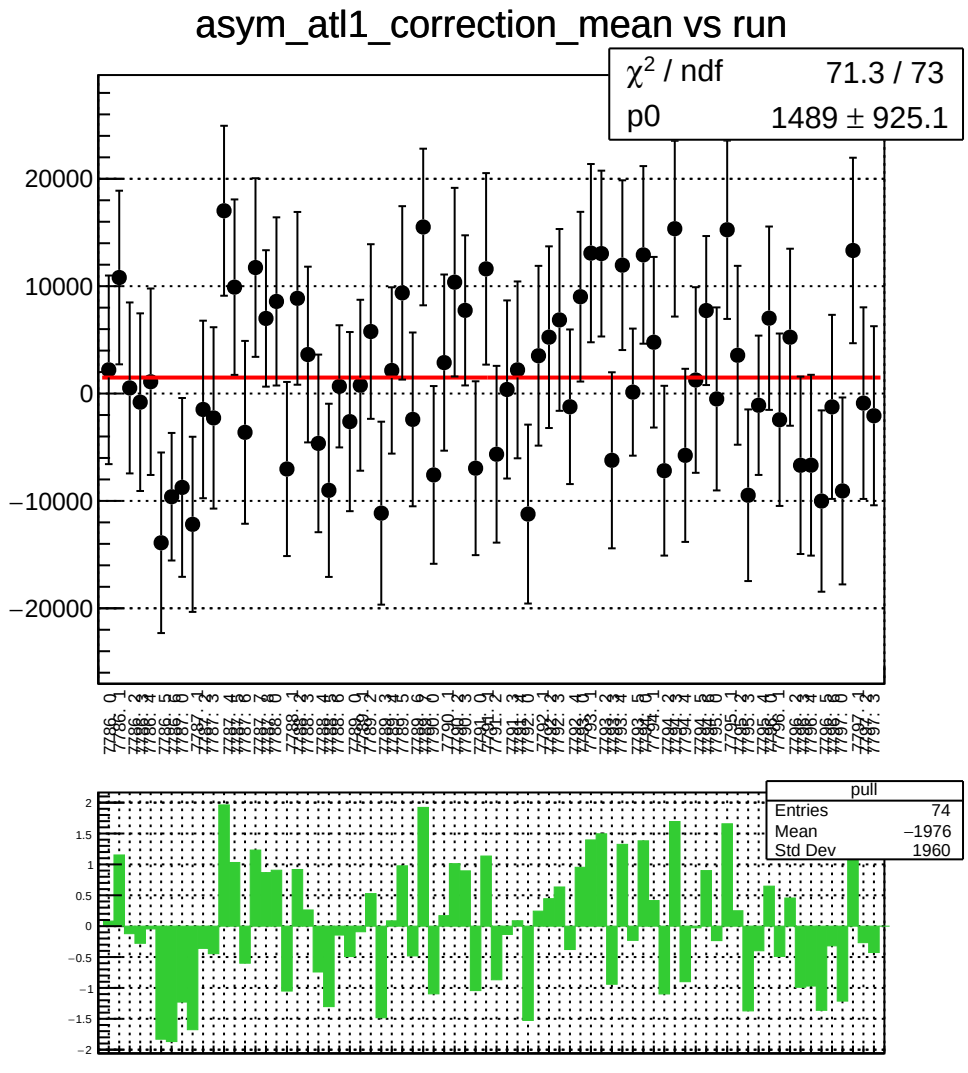

asym_atl_dd_atr_dd_dd_mean vs run
χ² / ndf 73.37 / 73
p0 −4080 ± 2352
pull
Entries 74
Mean 227.7
Std Dev 163.2
pull1D
Entries 74
Mean 0.003778
Std Dev 0.9957

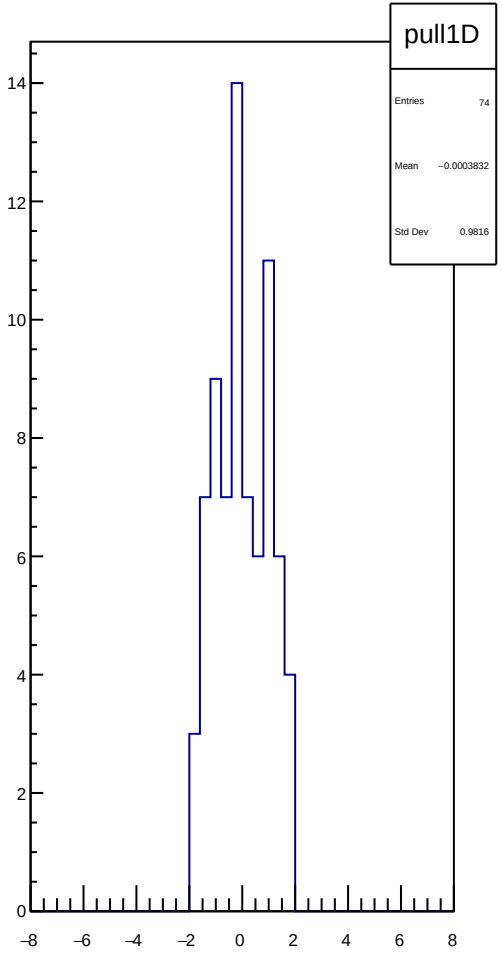

asym_atl_dd_atr_dd_dd_rms vs run
χ² / ndf 699.2 / 73
p0 1993 ± 1.663
2100
2050
2000
1950
1900
1850

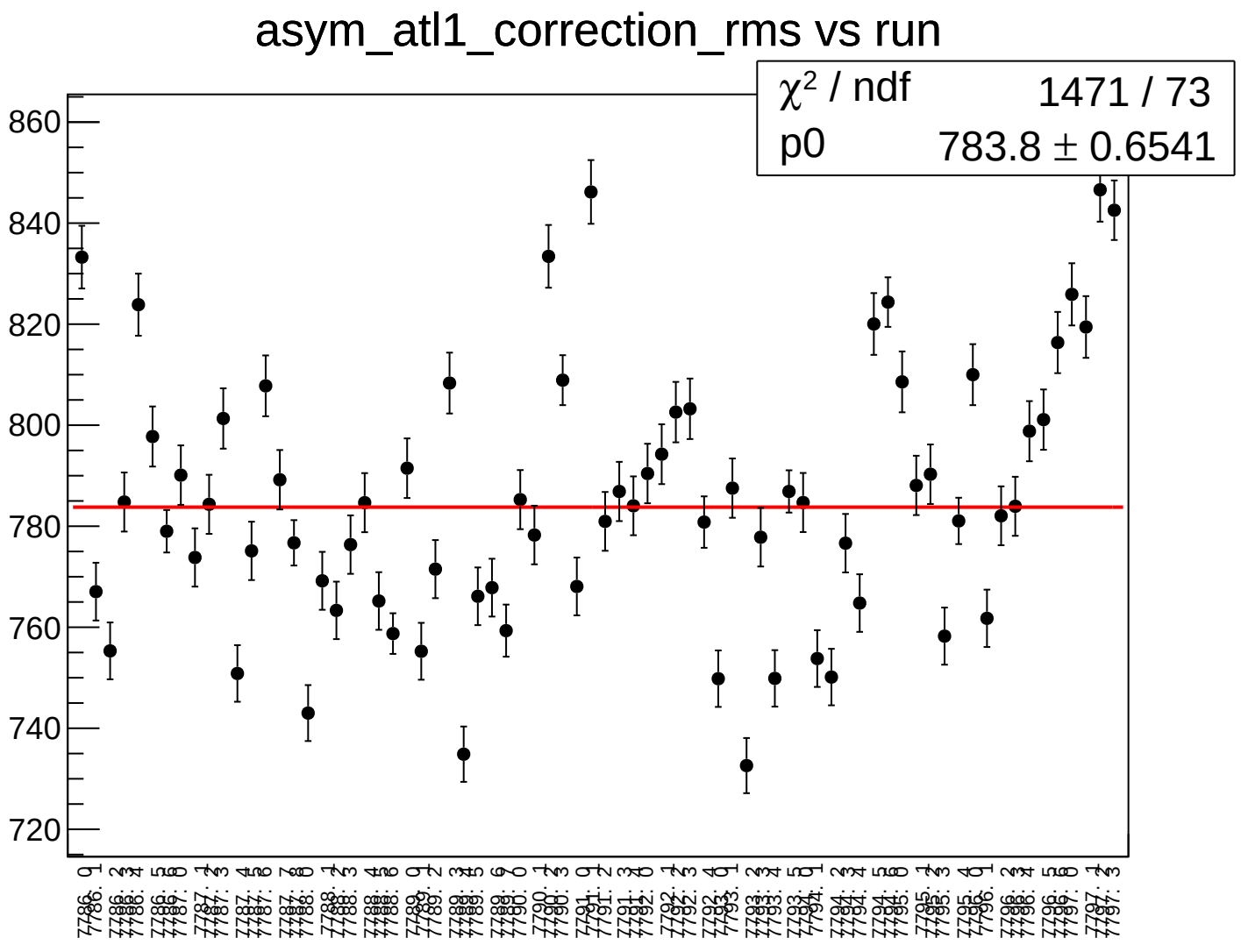

dit_asym_atl1_mean vs run
χ² / ndf 71 / 73
p0 −4535 ± 2780
pull
Entries 74
Mean 672.4
Std Dev 634.8

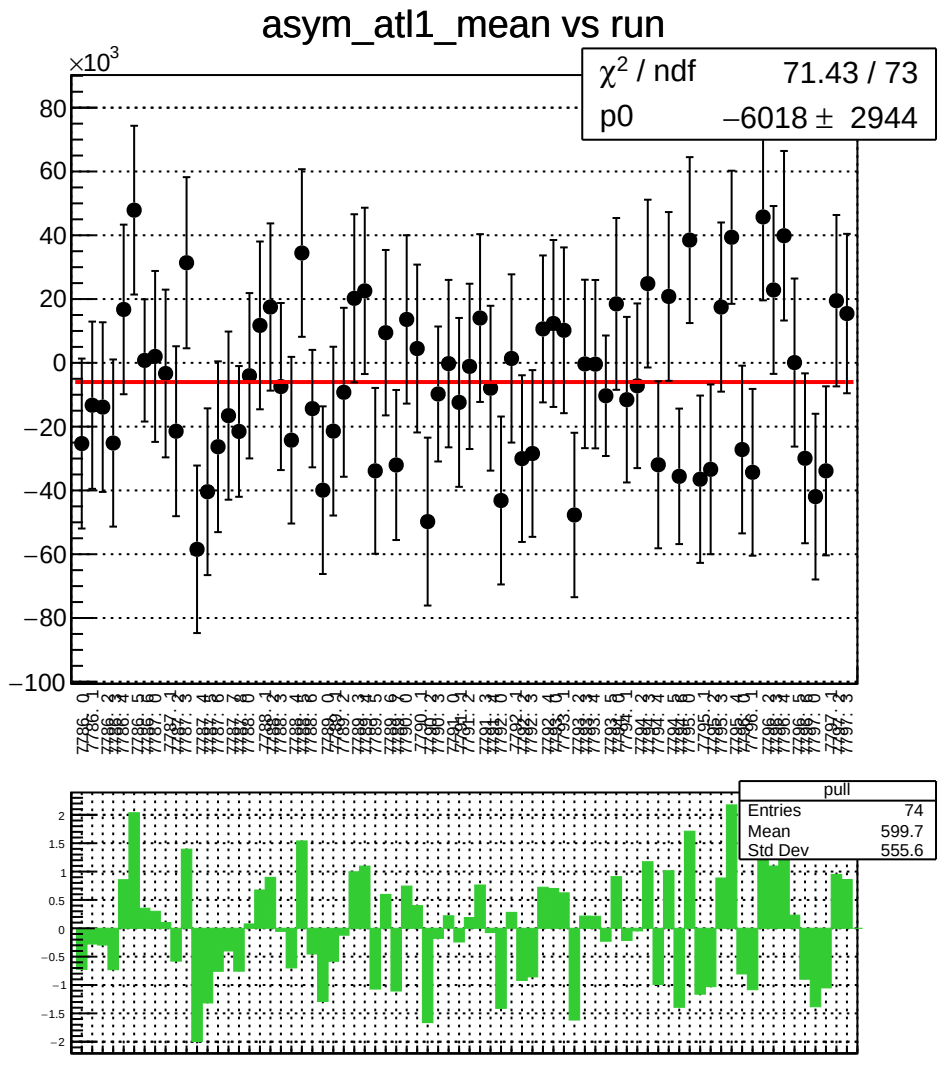

pull1D
Entries 74
Mean 0.003764
Std Dev 0.9795

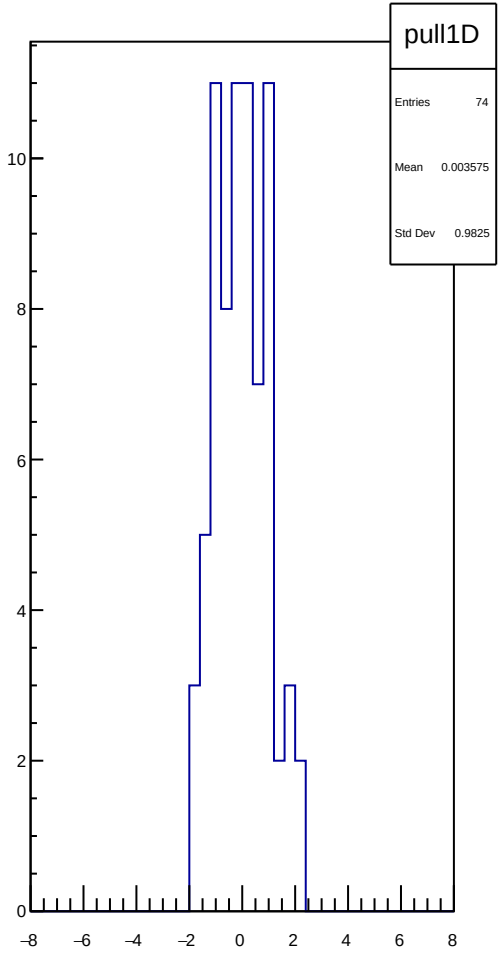

dit_asym_atl1_rms vs run
$\chi^2$ / ndf 98.34 / 73
p0 2356 ± 1.965
2420
2400
2380
2360
2340
2320
2300

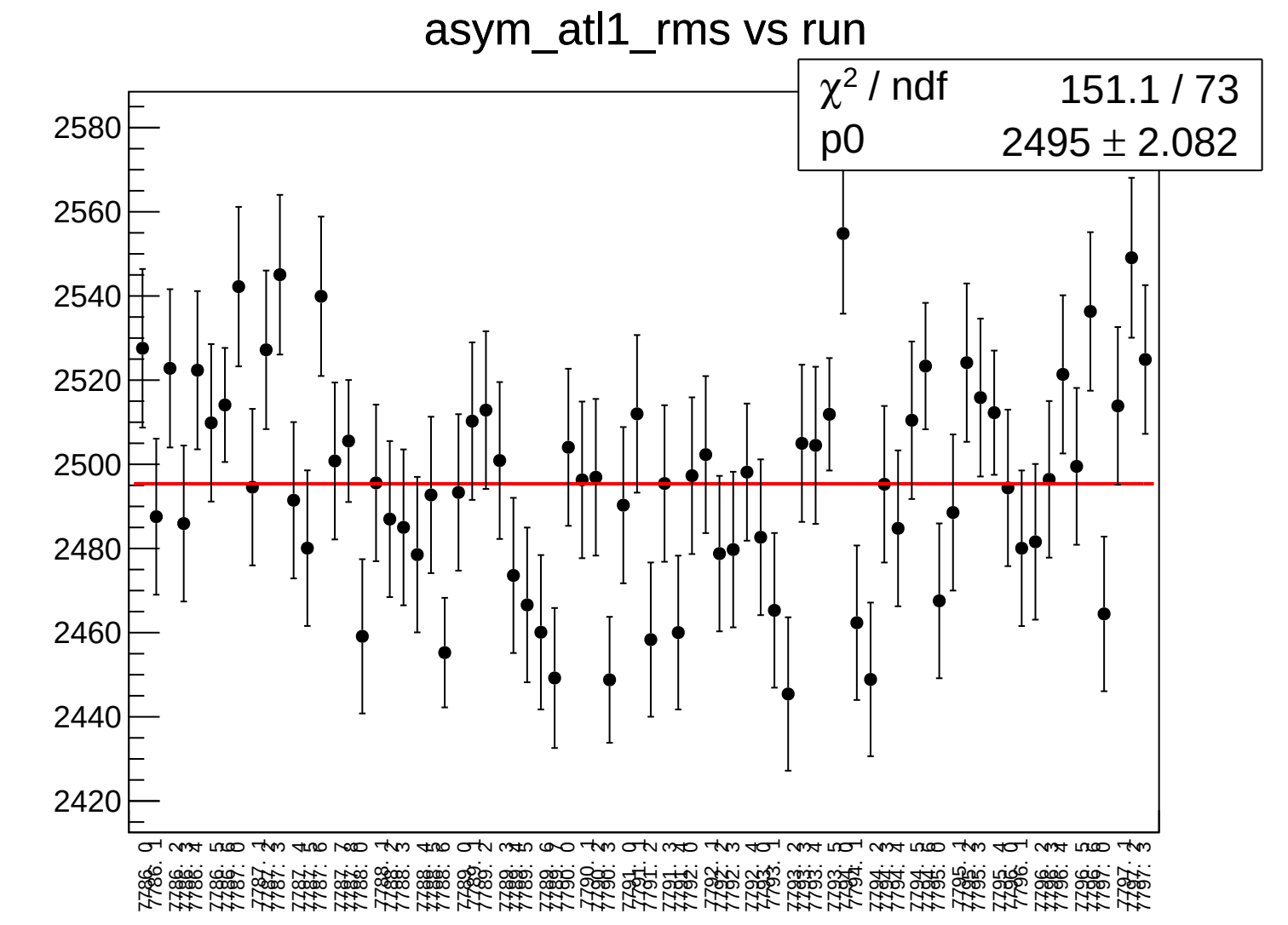

asym_atl1_correction_mean vs run
χ² / ndf 71.3 / 73
p0 1489 ± 925.1
20000
10000
0
−10000
−20000
pull
Entries 74
Mean −1976
Std Dev 1960
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

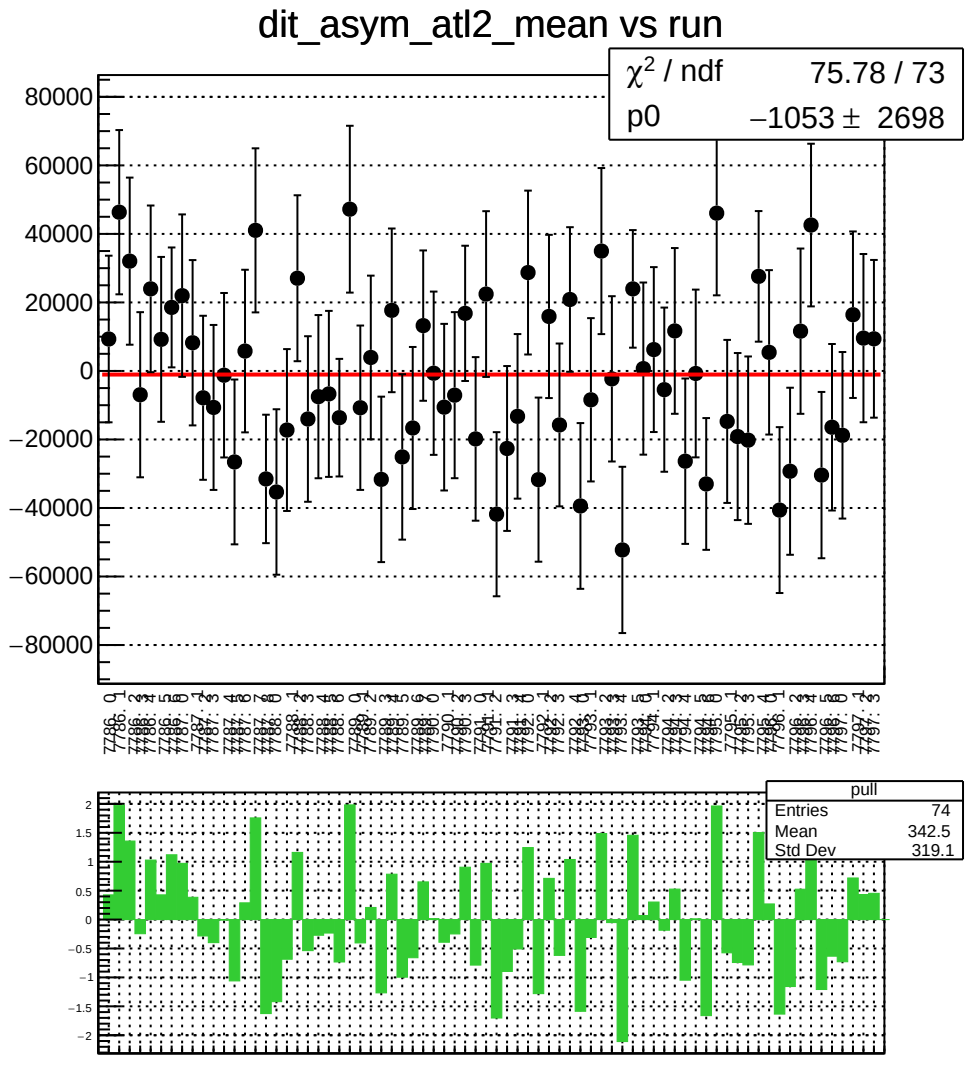

pull1D
Entries 74
Mean −0.0003832
Std Dev 0.9816
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

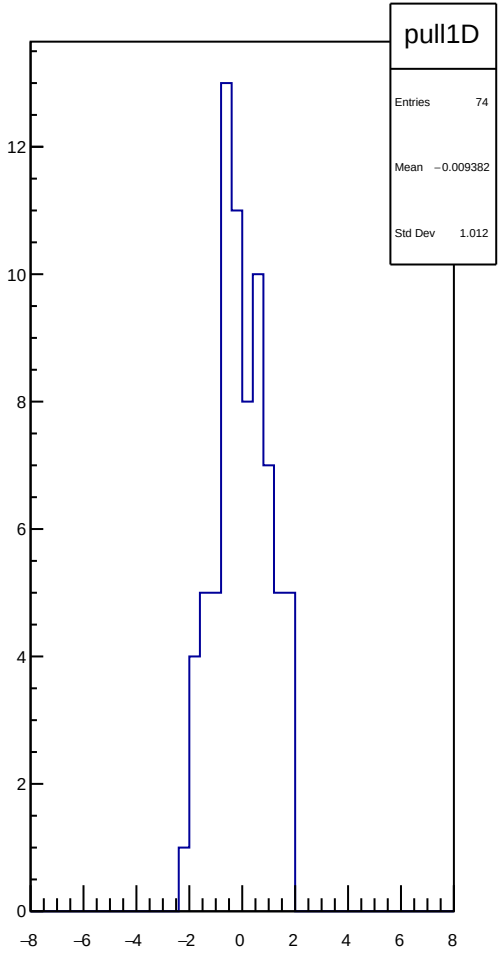

asym_atl1_correction_rms vs run
χ² / ndf 1471 / 73
p0 783.8 ± 0.6541
860
840
820
800
780
760
740
720

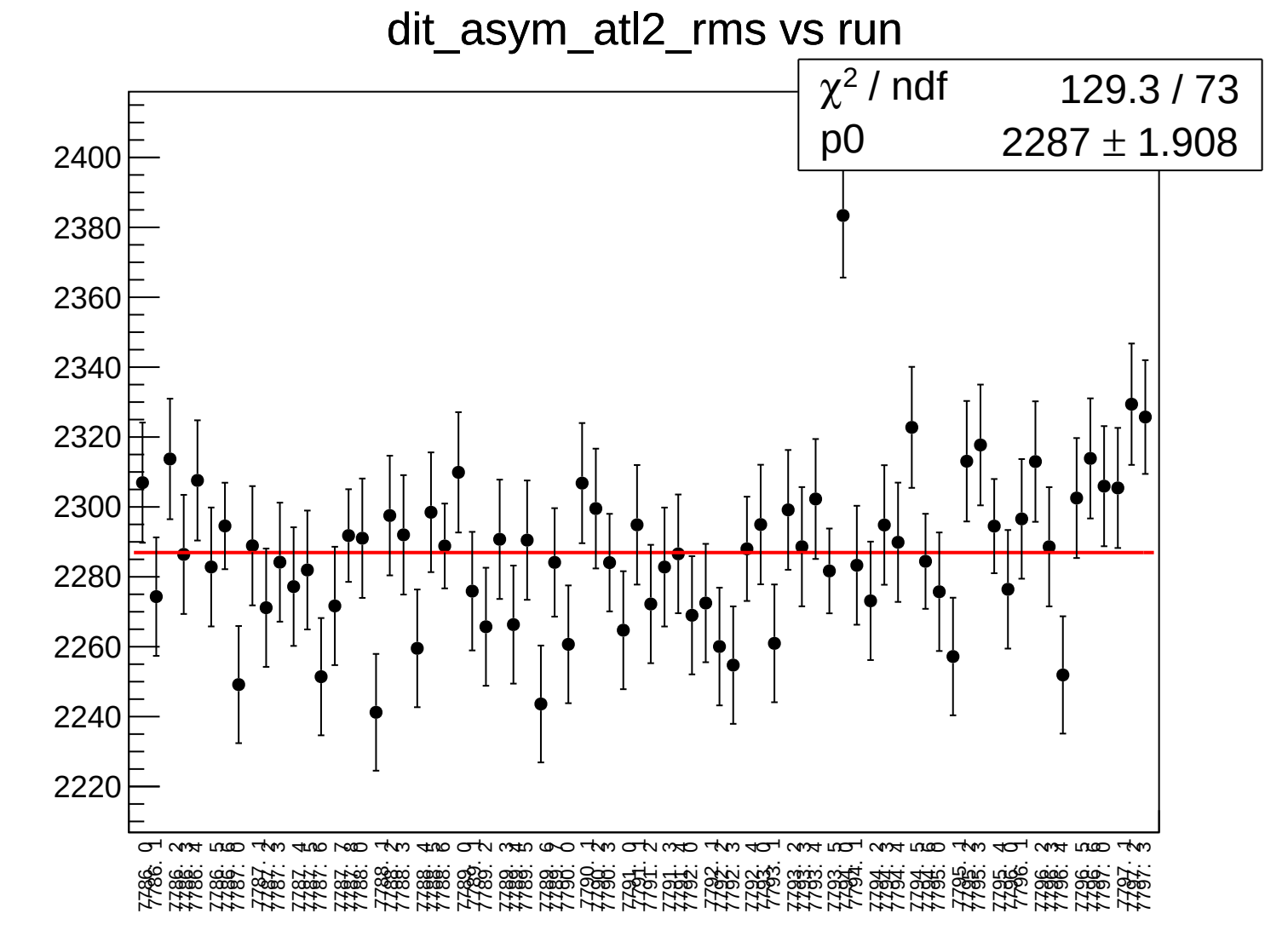

asym_atl1_mean vs run
$\chi^2$ / ndf 71.43 / 73
p0 −6018 ± 2944
×10^3
pull
Entries 74
Mean 599.7
Std Dev 555.6

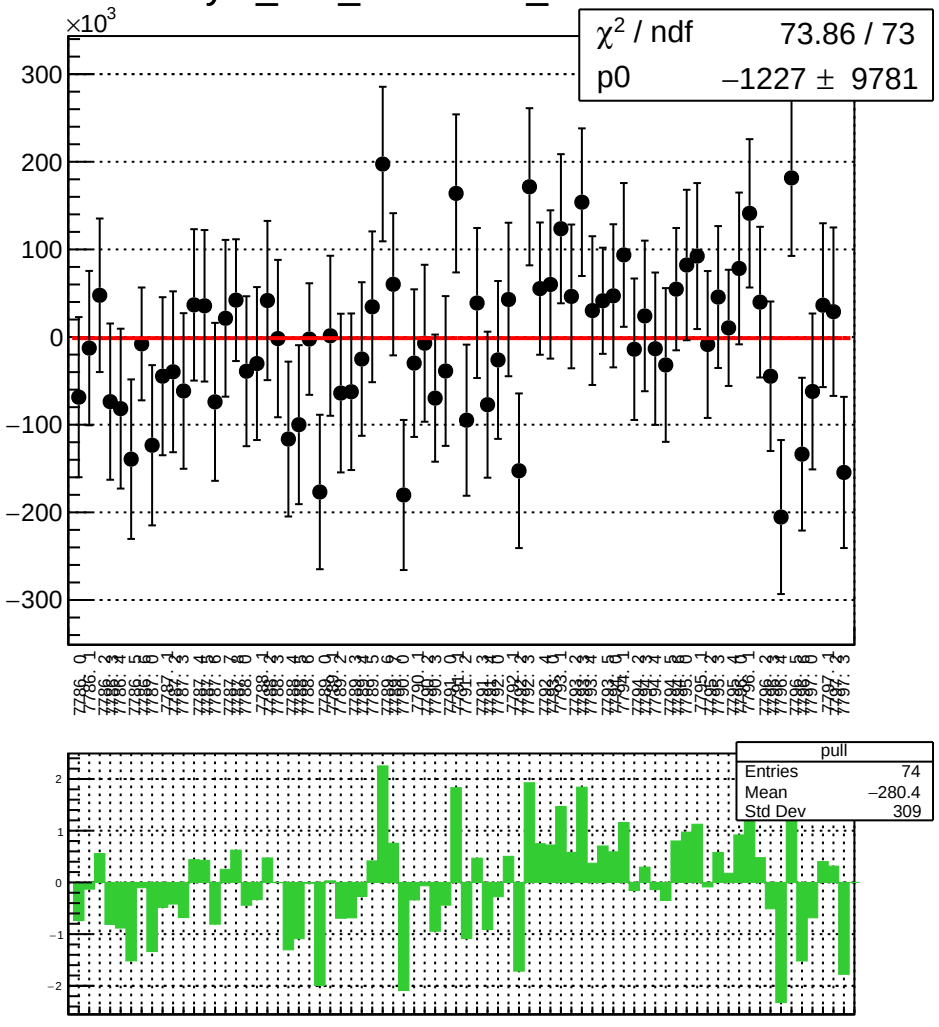

pull1D
Entries 74
Mean 0.003575
Std Dev 0.9825

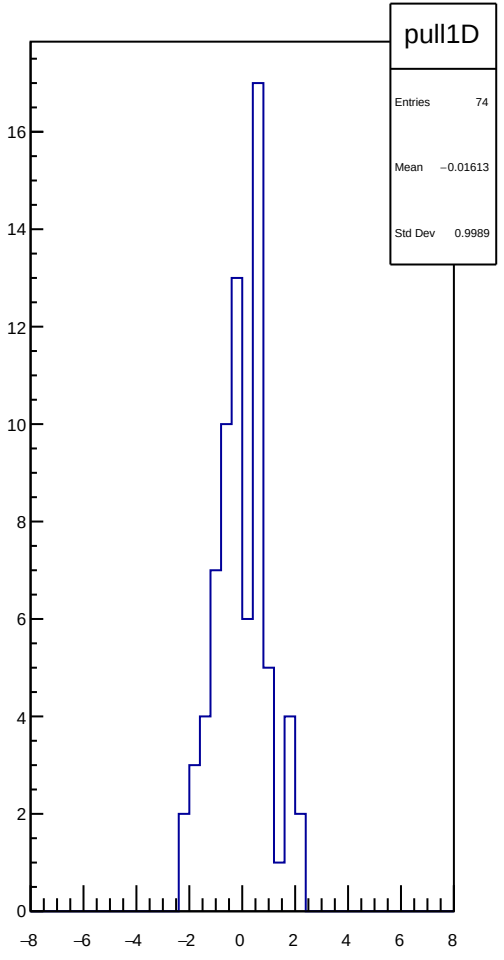

asym_atl1_rms vs run
$\chi^2$ / ndf 151.1 / 73
p0 2495 ± 2.082
2580
2560
2540
2520
2500
2480
2460
2440
2420

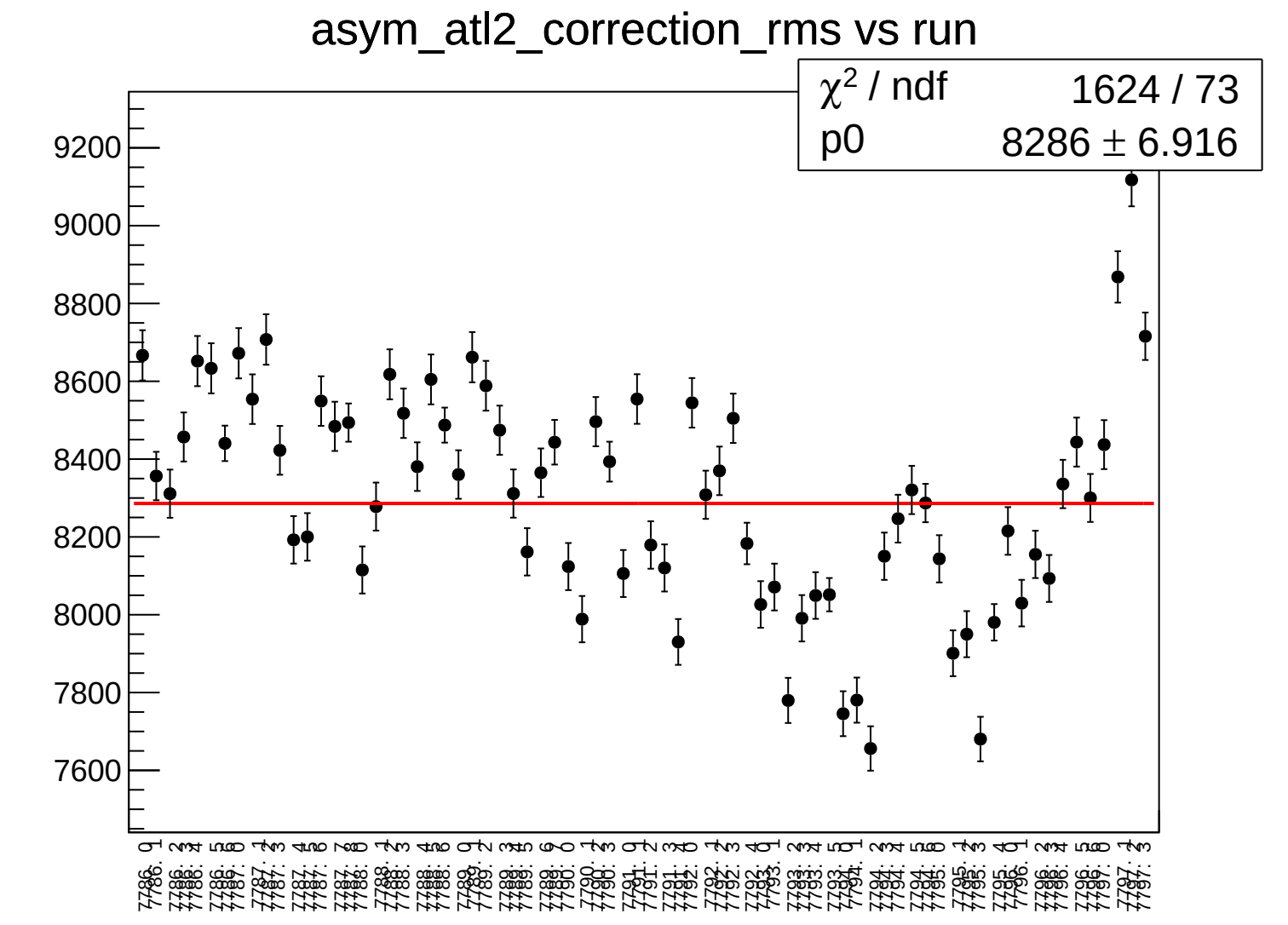

dit_asym_atl2_mean vs run
χ² / ndf 75.78 / 73
p0 −1053 ± 2698
pull
Entries 74
Mean 342.5
Std Dev 319.1

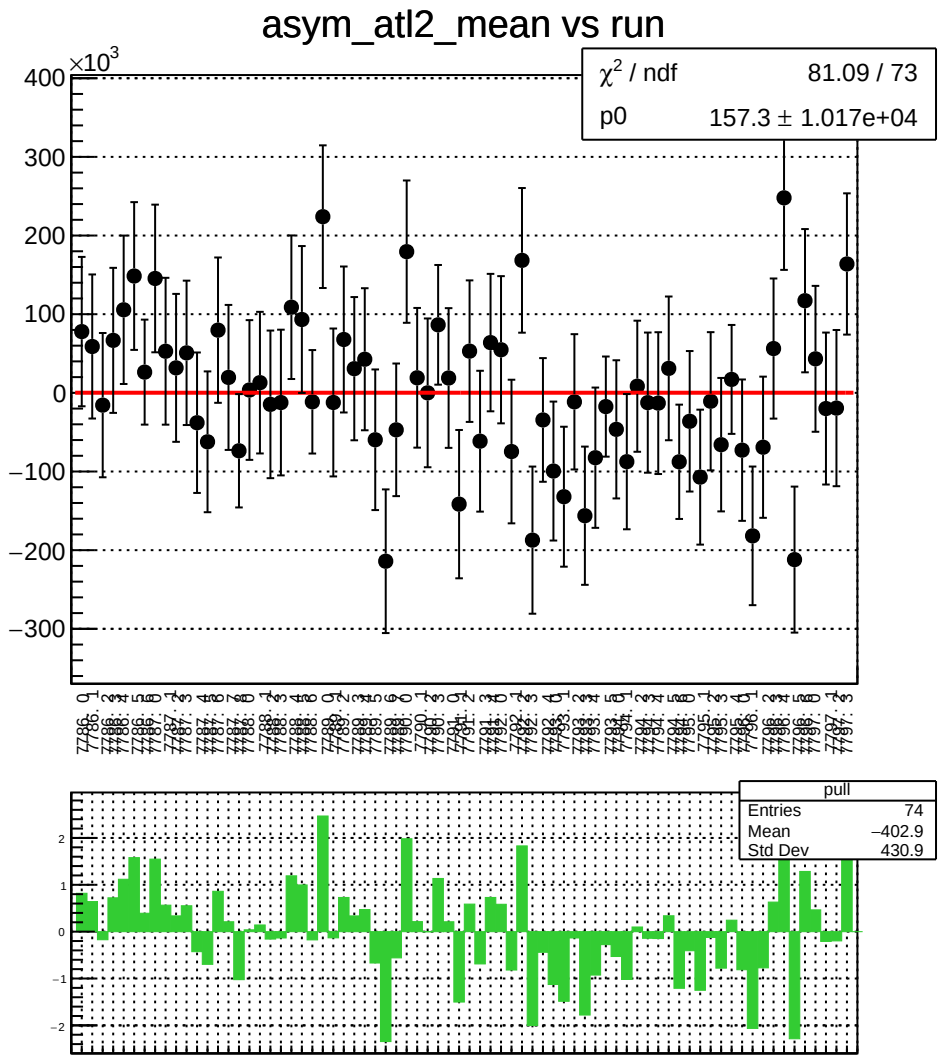

pull1D
Entries 74
Mean −0.009382
Std Dev 1.012

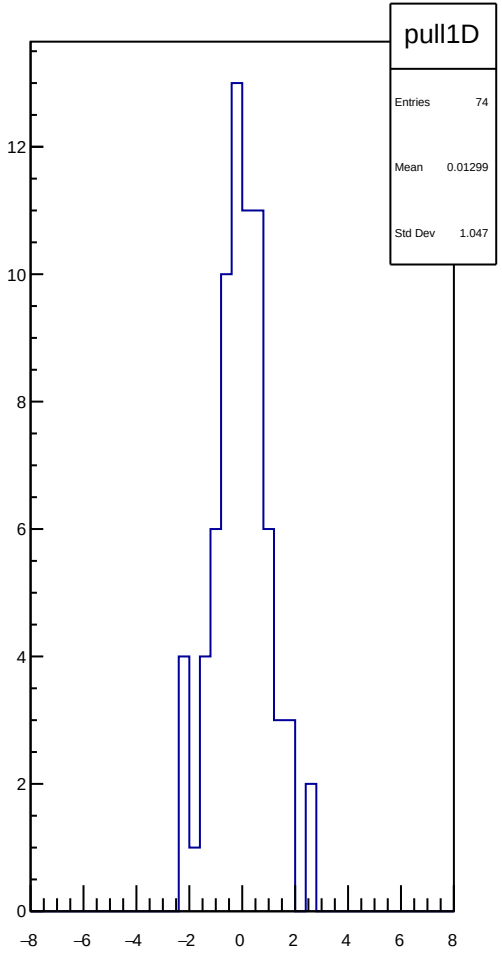

dit_asym_atl2_rms vs run
$\chi^2$ / ndf 129.3 / 73
p0 2287 ± 1.908
2400
2380
2360
2340
2320
2300
2280
2260
2240
2220

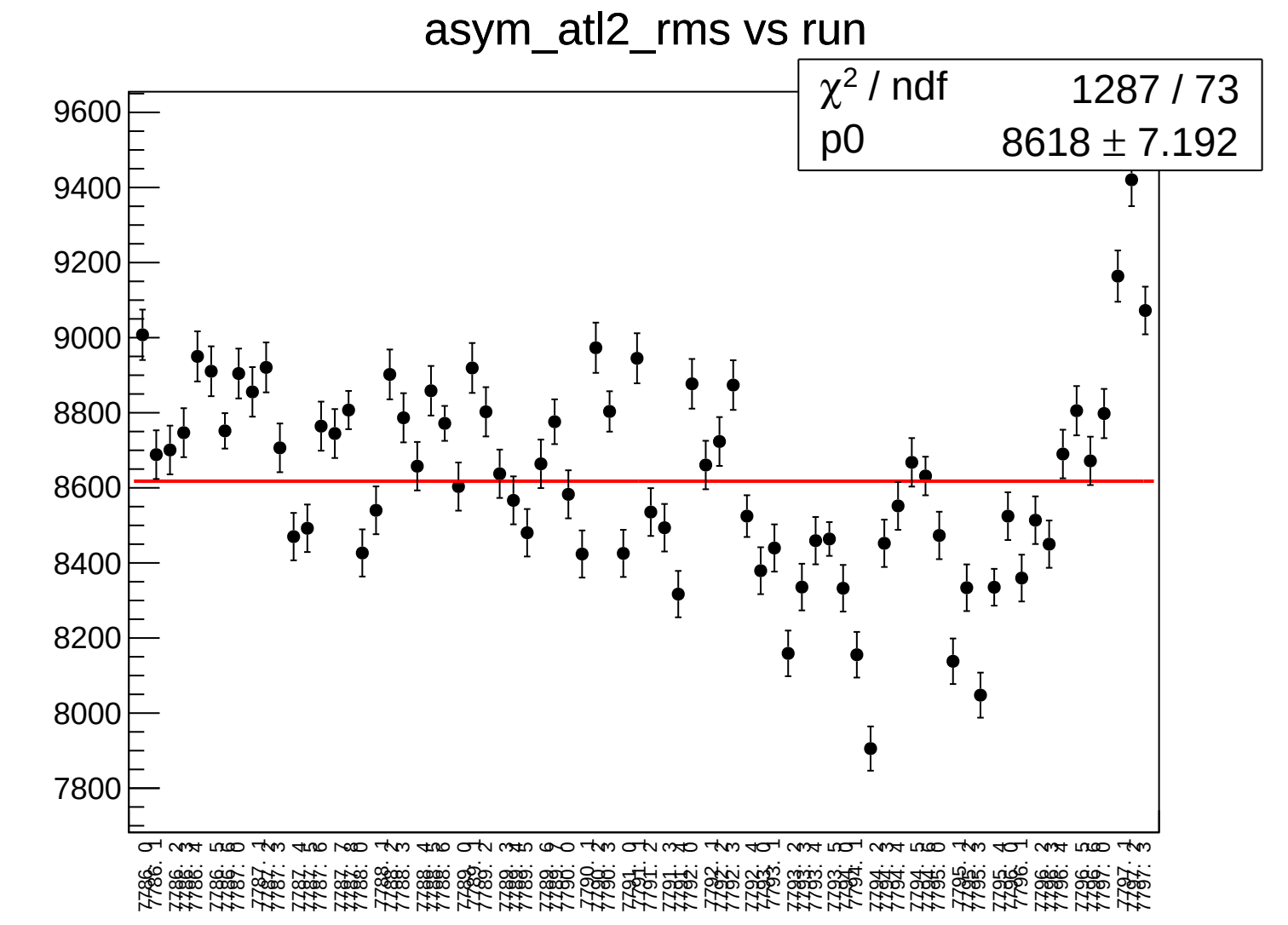

asym_atl2_correction_mean vs run
×10^3
χ² / ndf 73.86 / 73
p0 −1227 ± 9781
pull
Entries 74
Mean −280.4
Std Dev 309

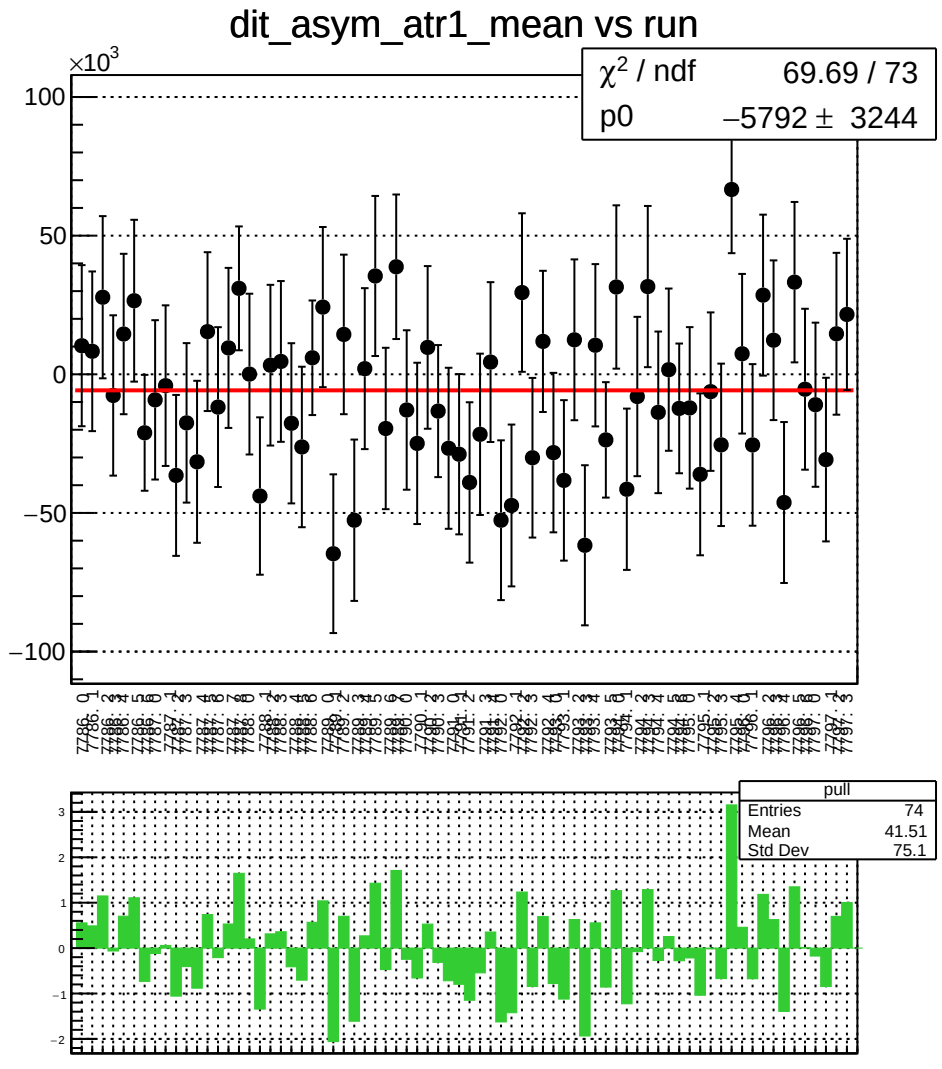

pull1D
Entries 74
Mean −0.01613
Std Dev 0.9989

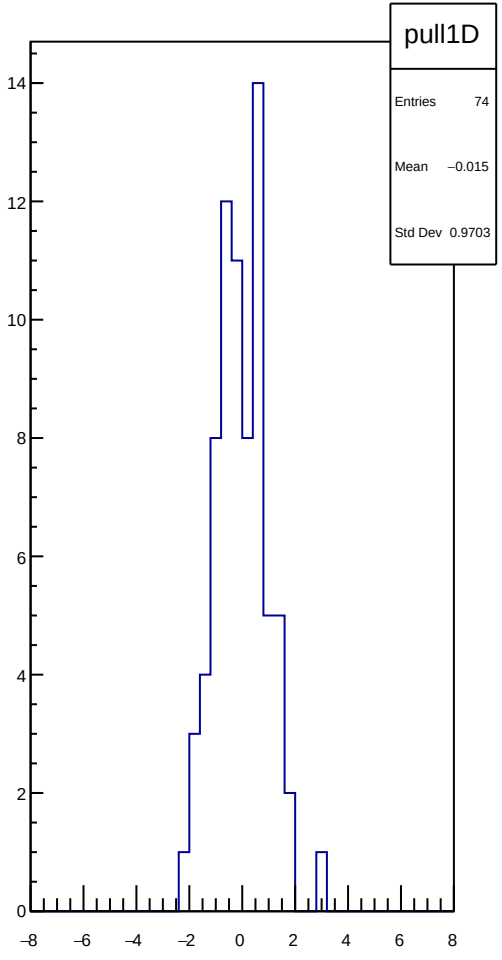

asym_atl2_correction_rms vs run
$\chi^2$ / ndf 1624 / 73
p0 8286 ± 6.916
9200
9000
8800
8600
8400
8200
8000
7800
7600

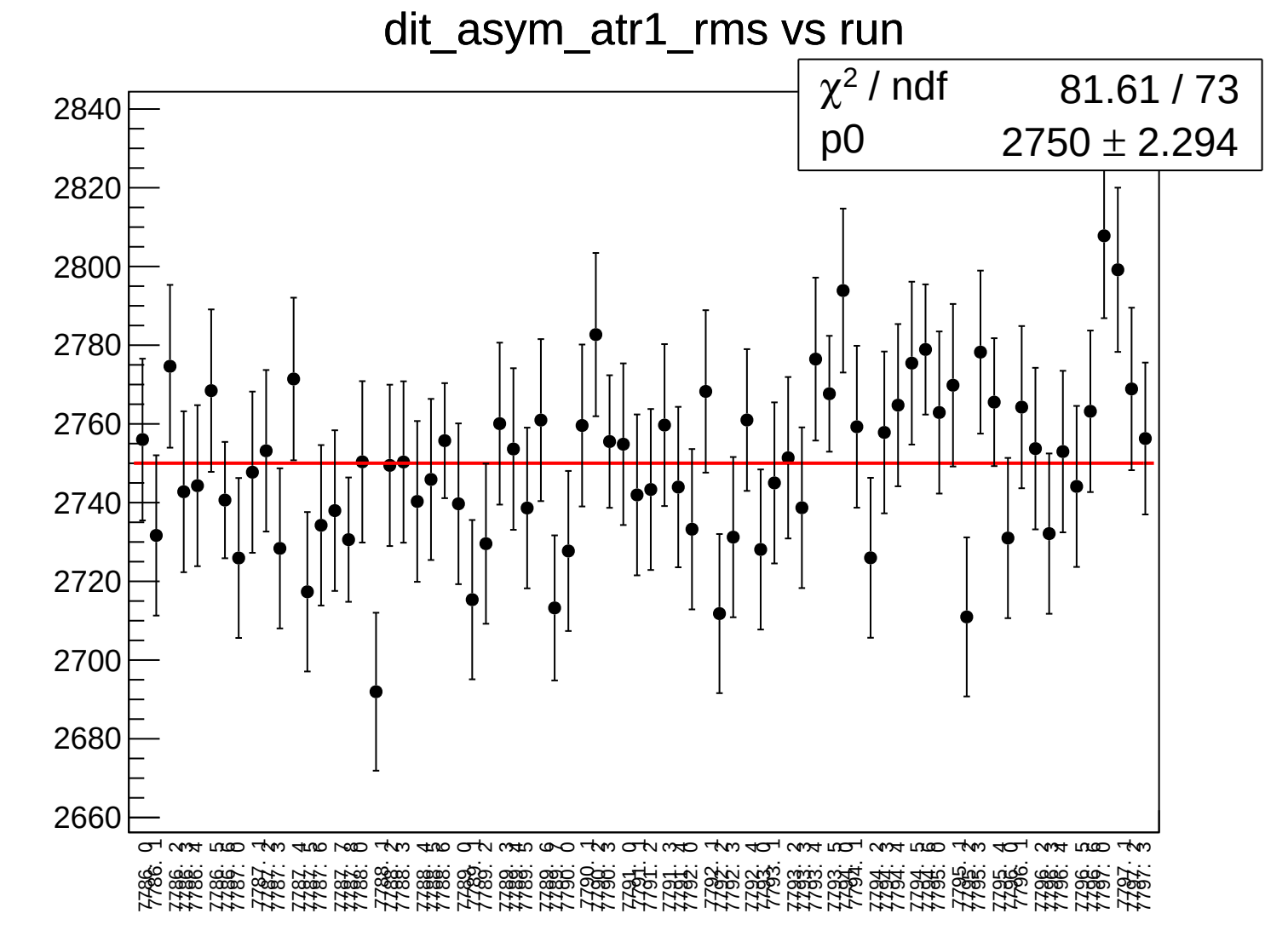

asym_atl2_mean vs run
χ² / ndf 81.09 / 73
p0 157.3 ± 1.017e+04
pull
Entries 74
Mean −402.9
Std Dev 430.9

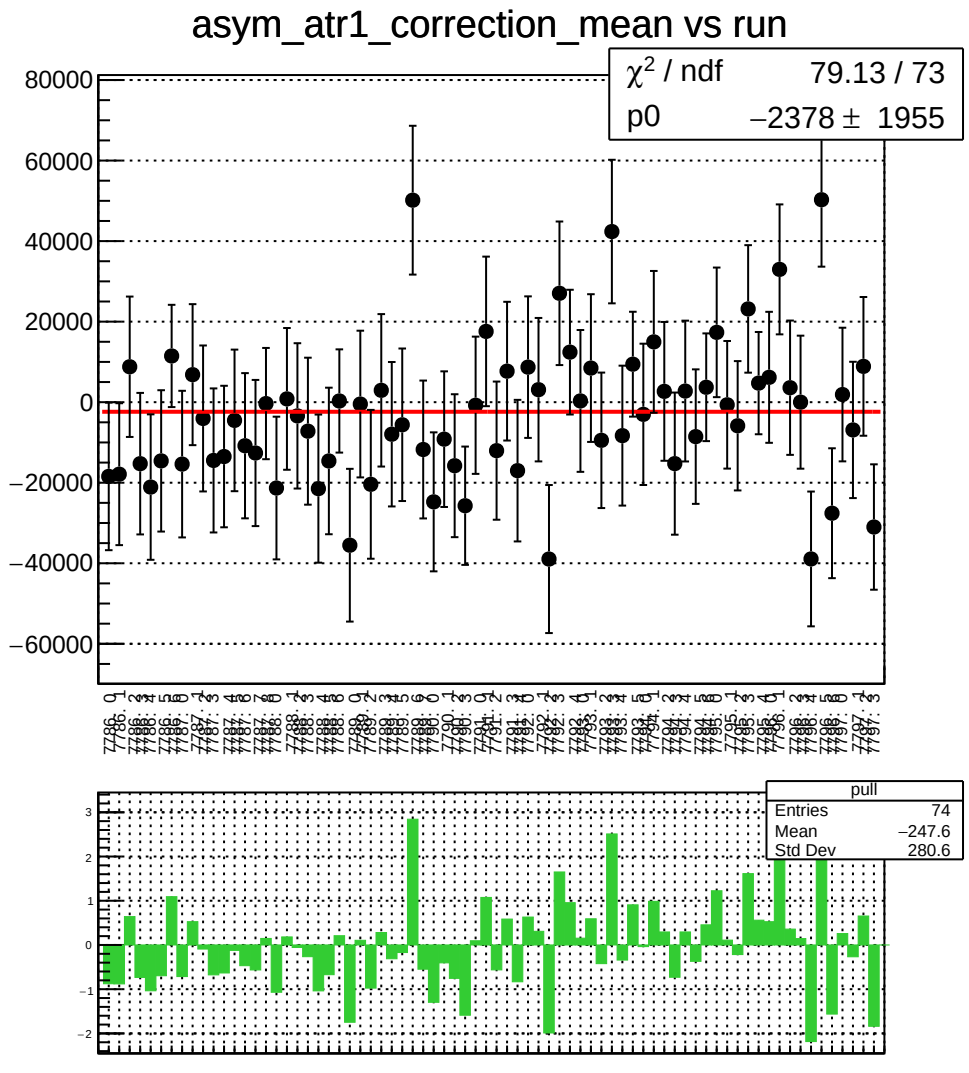

pull1D
Entries 74
Mean 0.01299
Std Dev 1.047

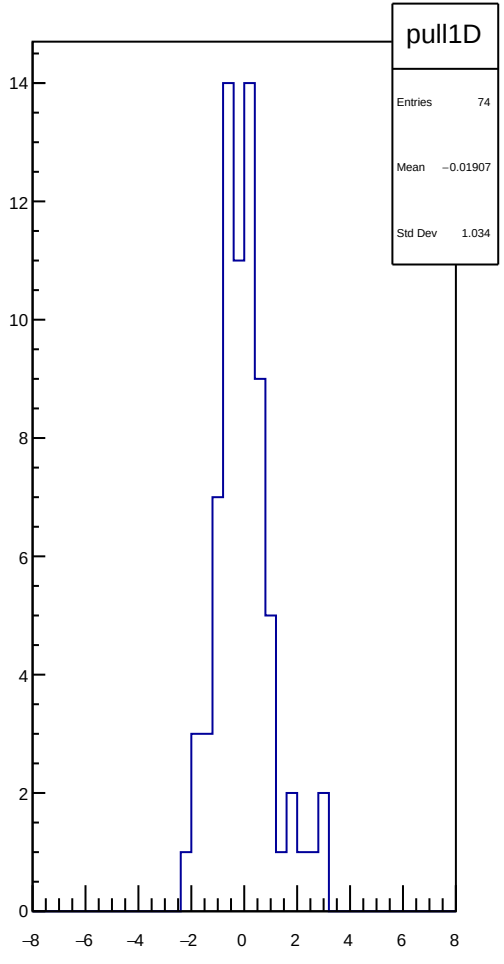

asym_atl2_rms vs run
χ² / ndf 1287 / 73
p0 8618 ± 7.192
9600
9400
9200
9000
8800
8600
8400
8200
8000
7800

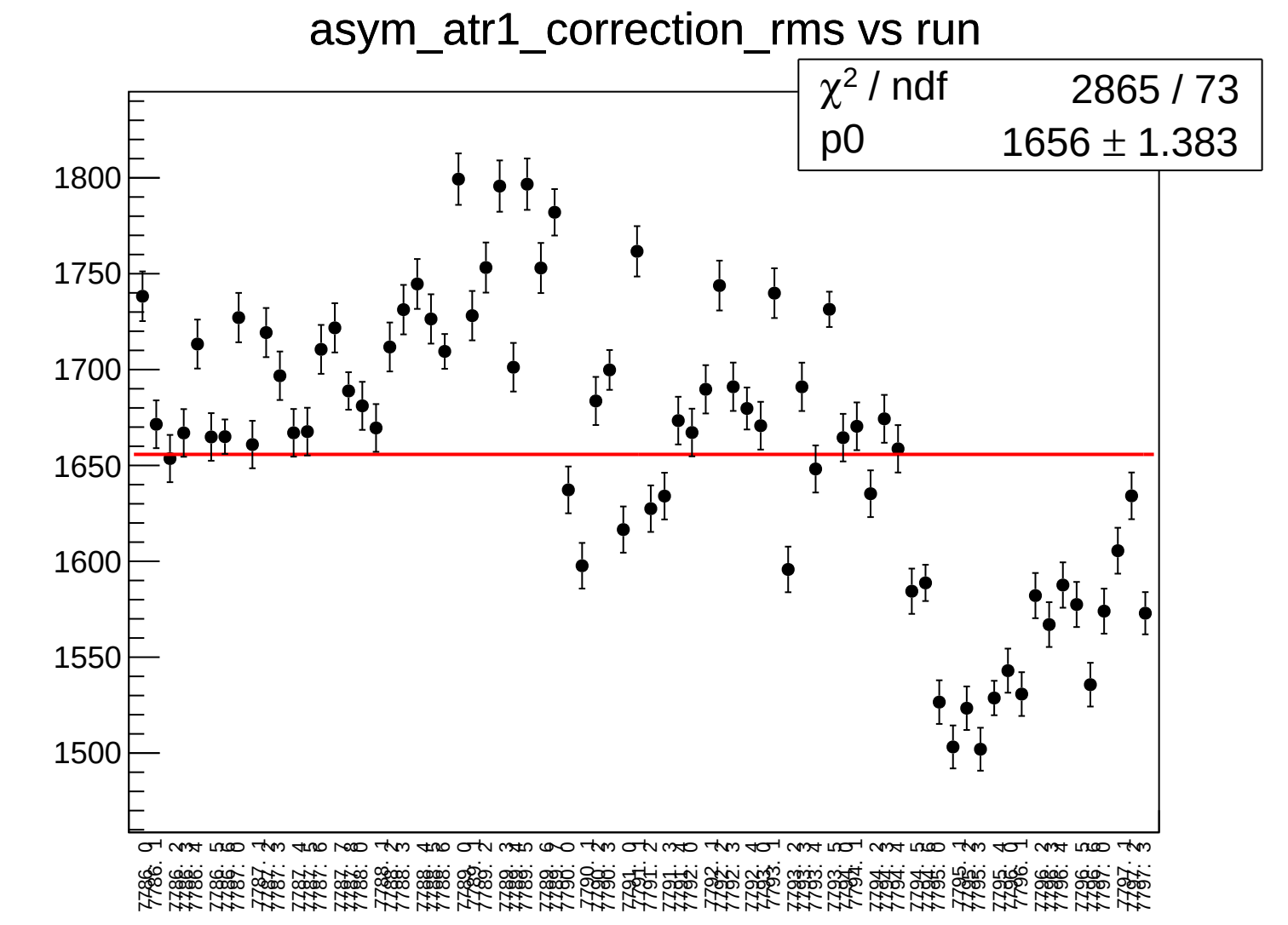

dit_asym_atr1_mean vs run
×10^3
χ^2 / ndf 69.69 / 73
p0 −5792 ± 3244
100
50
0
−50
−100
pull
Entries 74
Mean 41.51
Std Dev 75.1
3
2
1
0
−1
−2

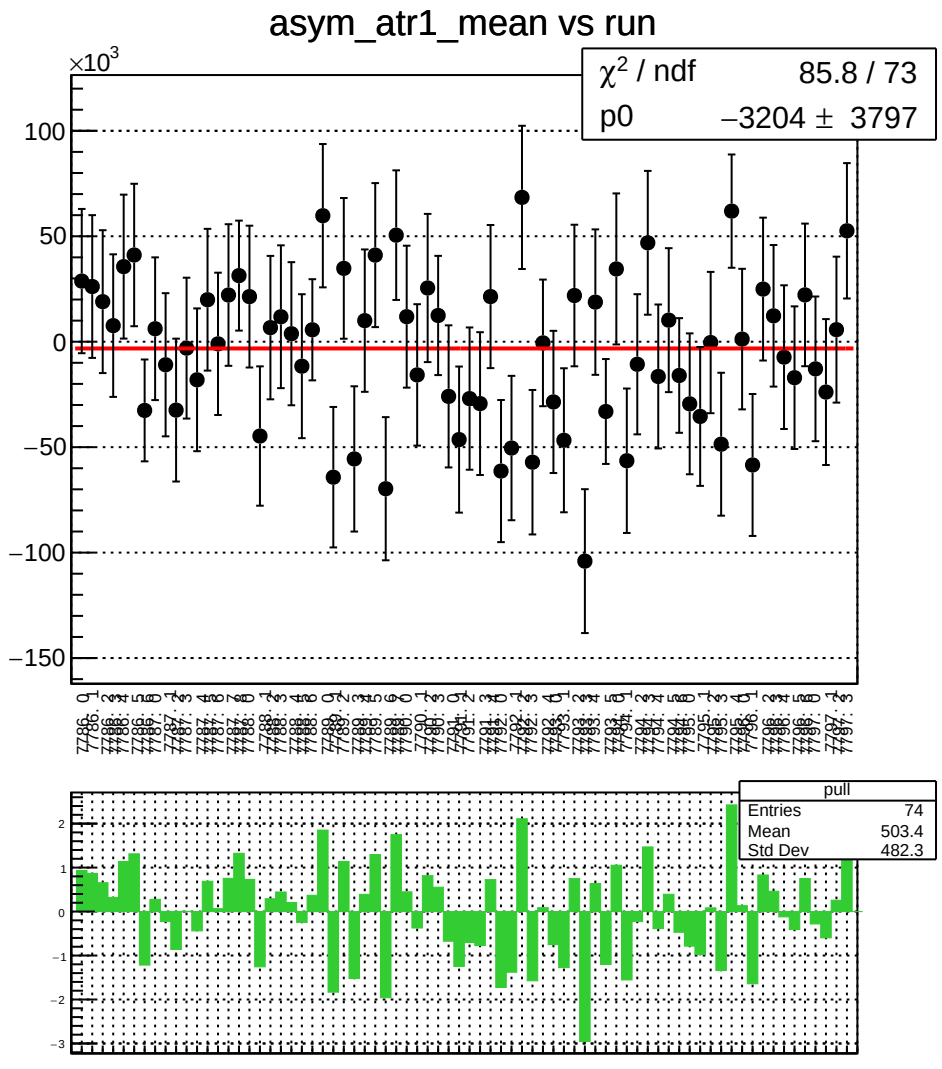

pull1D
Entries 74
Mean −0.015
Std Dev 0.9703
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

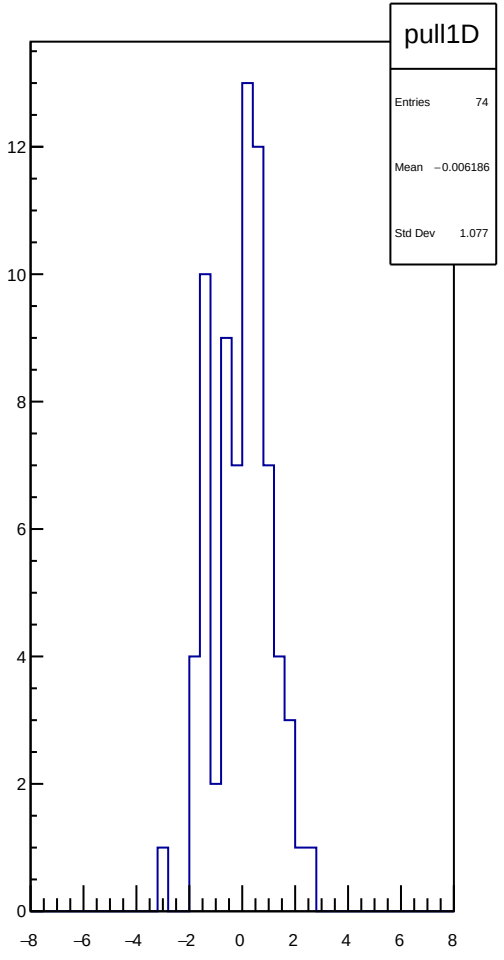

dit_asym_atr1_rms vs run
$\chi^2$ / ndf 81.61 / 73
p0 2750 ± 2.294
2840
2820
2800
2780
2760
2740
2720
2700
2680
2660

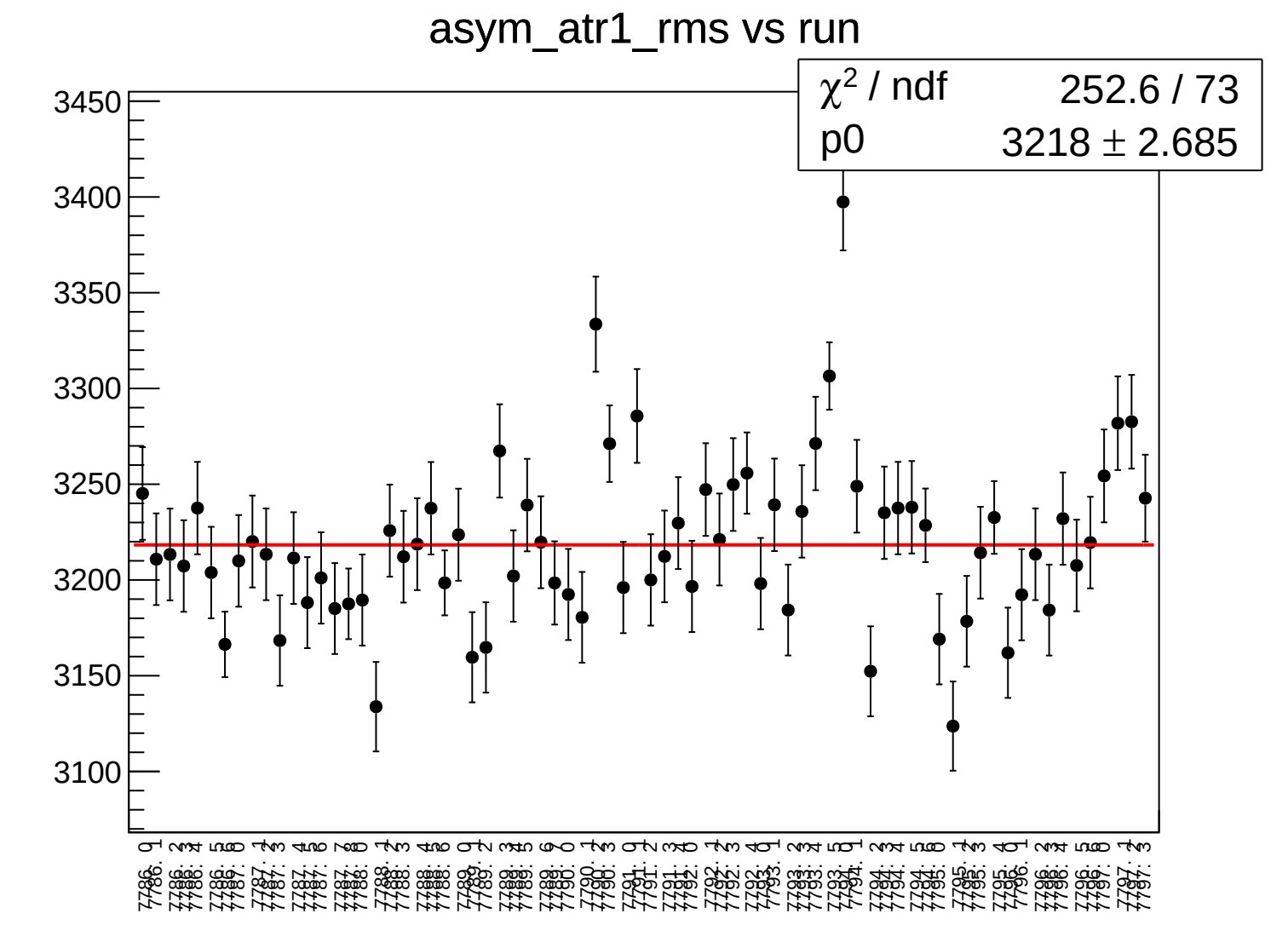

asym_atr1_correction_mean vs run
χ² / ndf 79.13 / 73
p0 −2378 ± 1955
80000
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 74
Mean −247.6
Std Dev 280.6
3
2
1
0
−1
−2

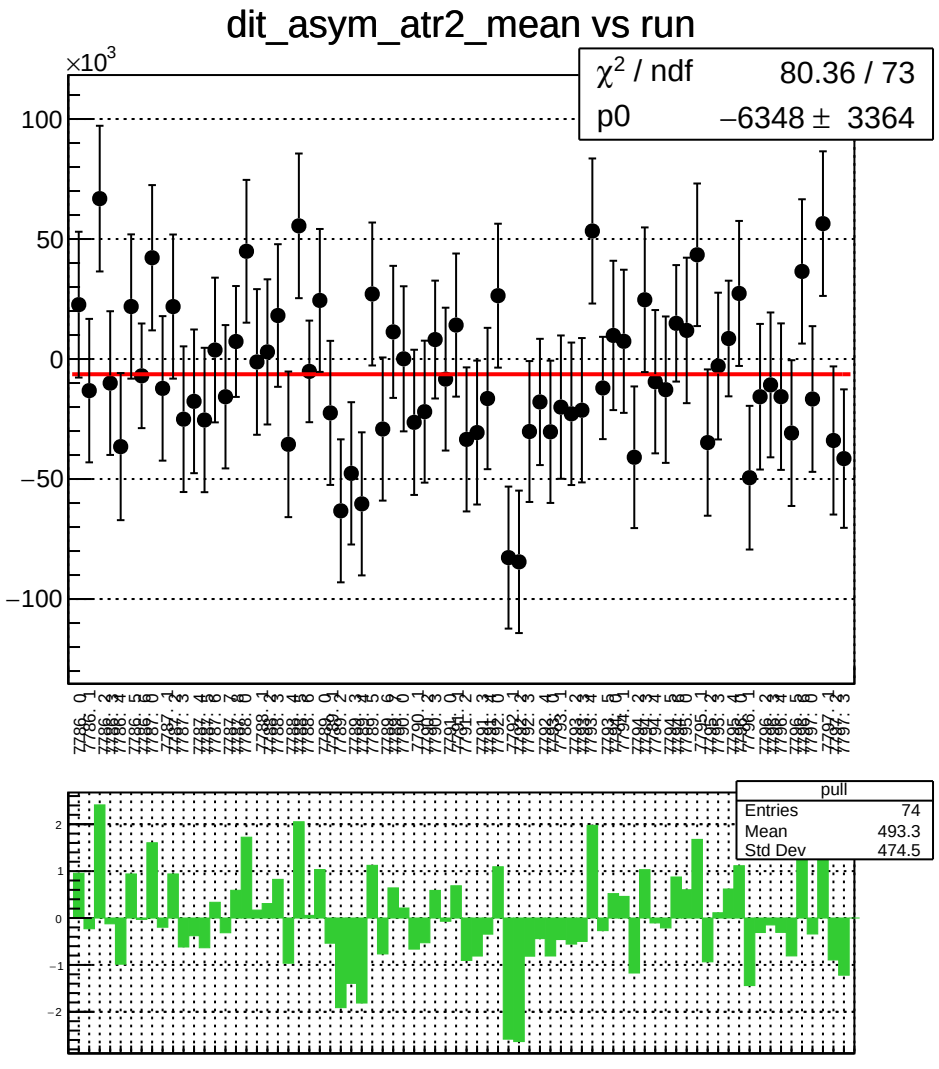

pull1D
Entries 74
Mean −0.01907
Std Dev 1.034
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

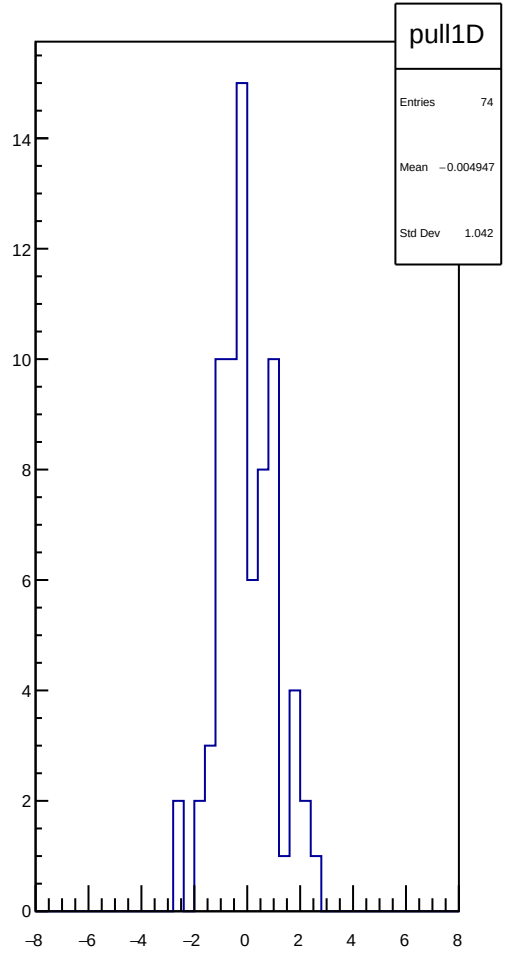

asym_atr1_correction_rms vs run
χ² / ndf 2865 / 73
p0 1656 ± 1.383
1800
1750
1700
1650
1600
1550
1500

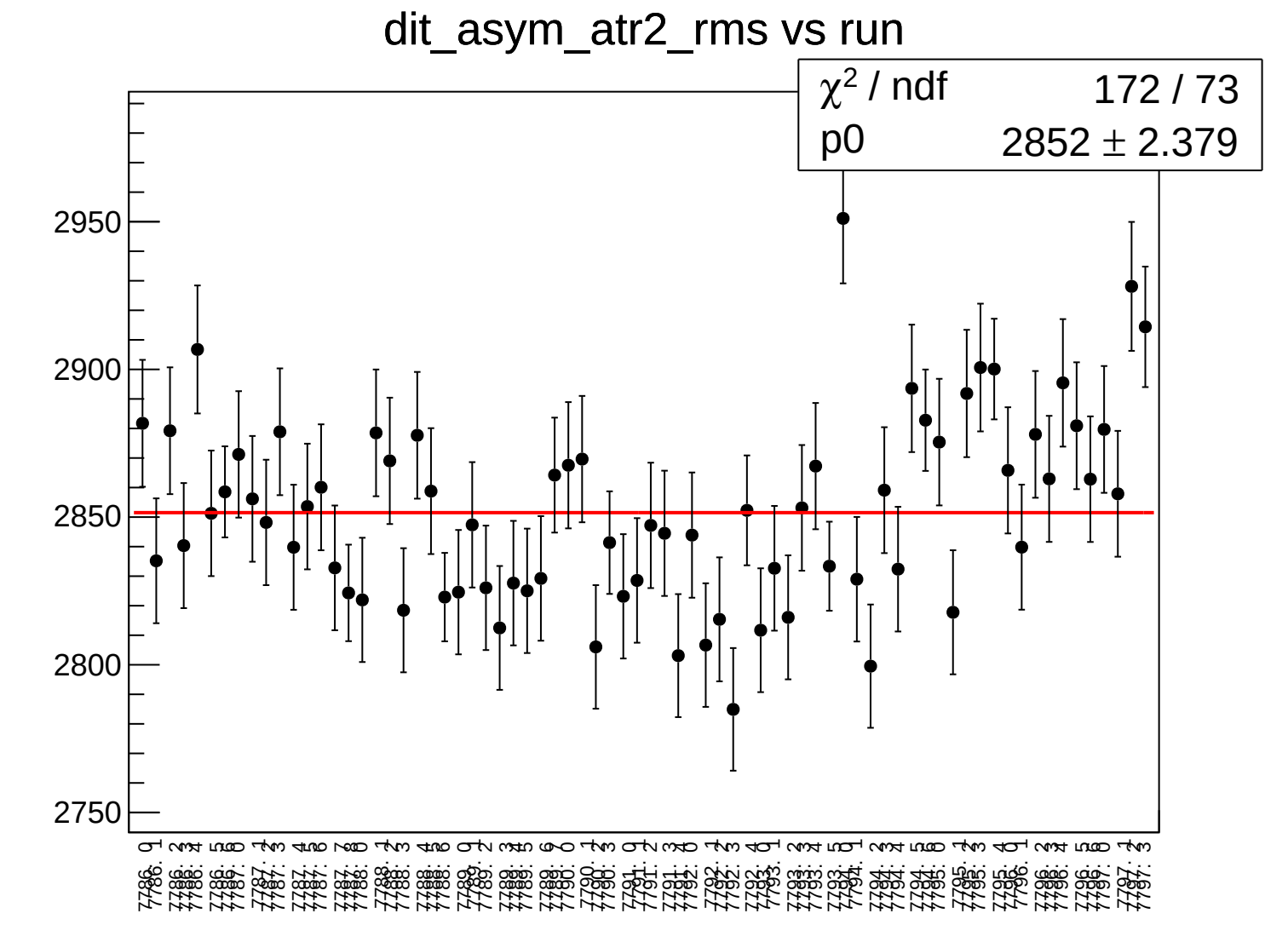

asym_atr1_mean vs run
×10^3
χ² / ndf 85.8 / 73
p0 −3204 ± 3797
100
50
0
−50
−100
−150
pull
Entries 74
Mean 503.4
Std Dev 482.3
2
1
0
−1
−2
−3

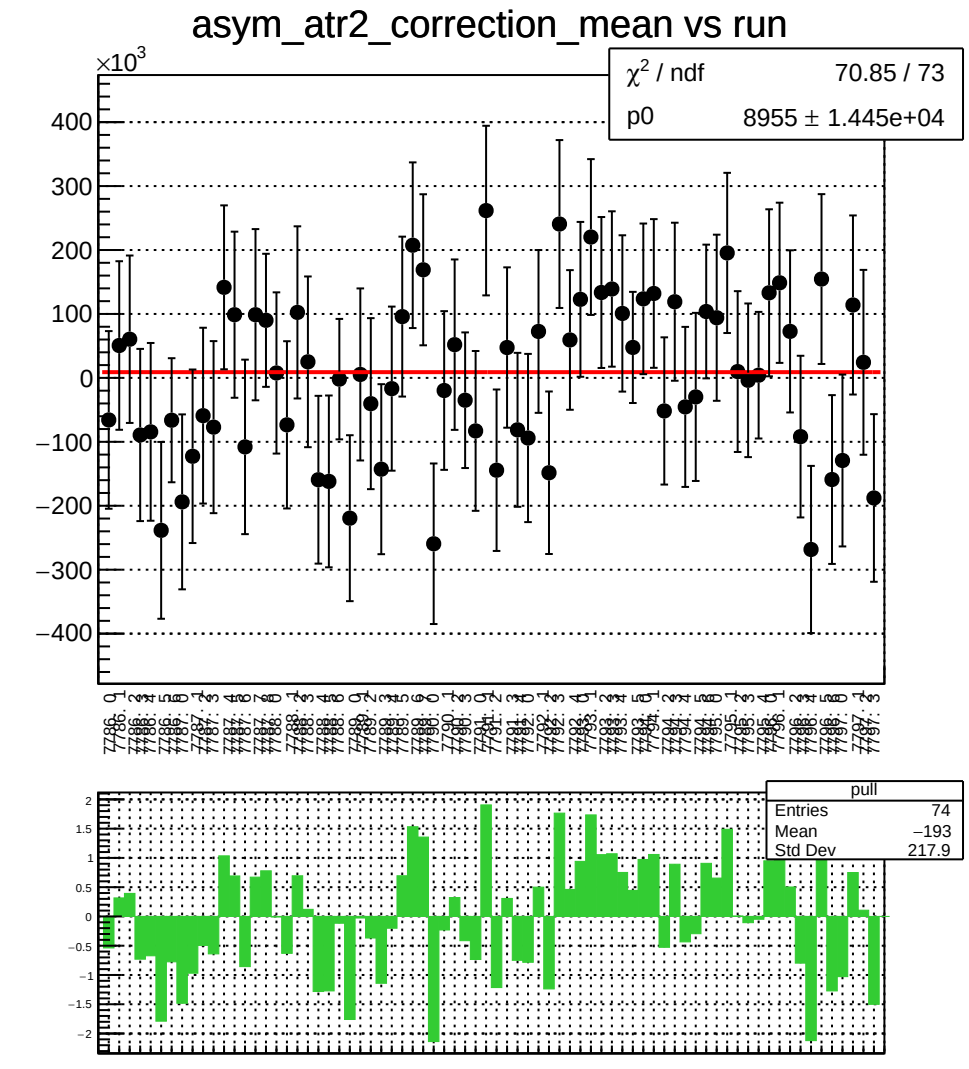

pull1D
Entries 74
Mean −0.006186
Std Dev 1.077
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

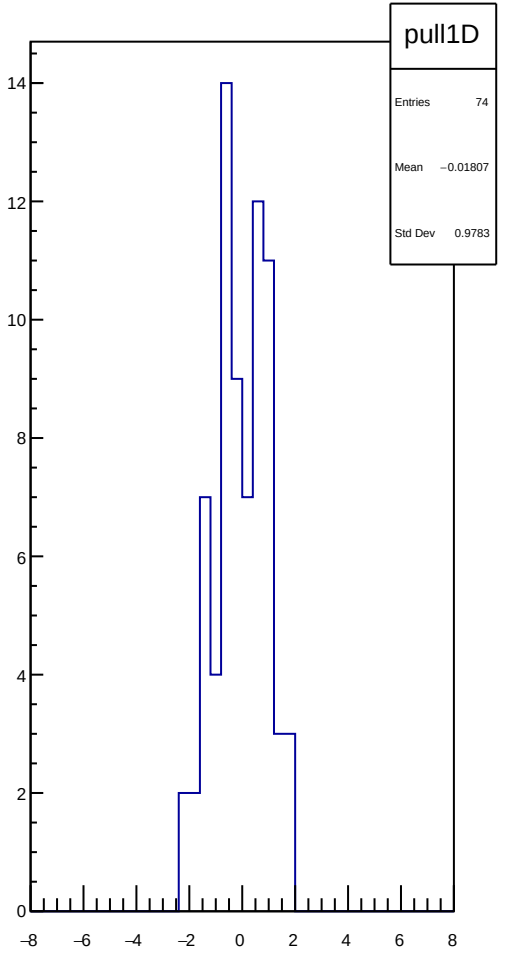

asym_atr1_rms vs run
$\chi^2$ / ndf 252.6 / 73
p0 3218 ± 2.685
3450
3400
3350
3300
3250
3200
3150
3100

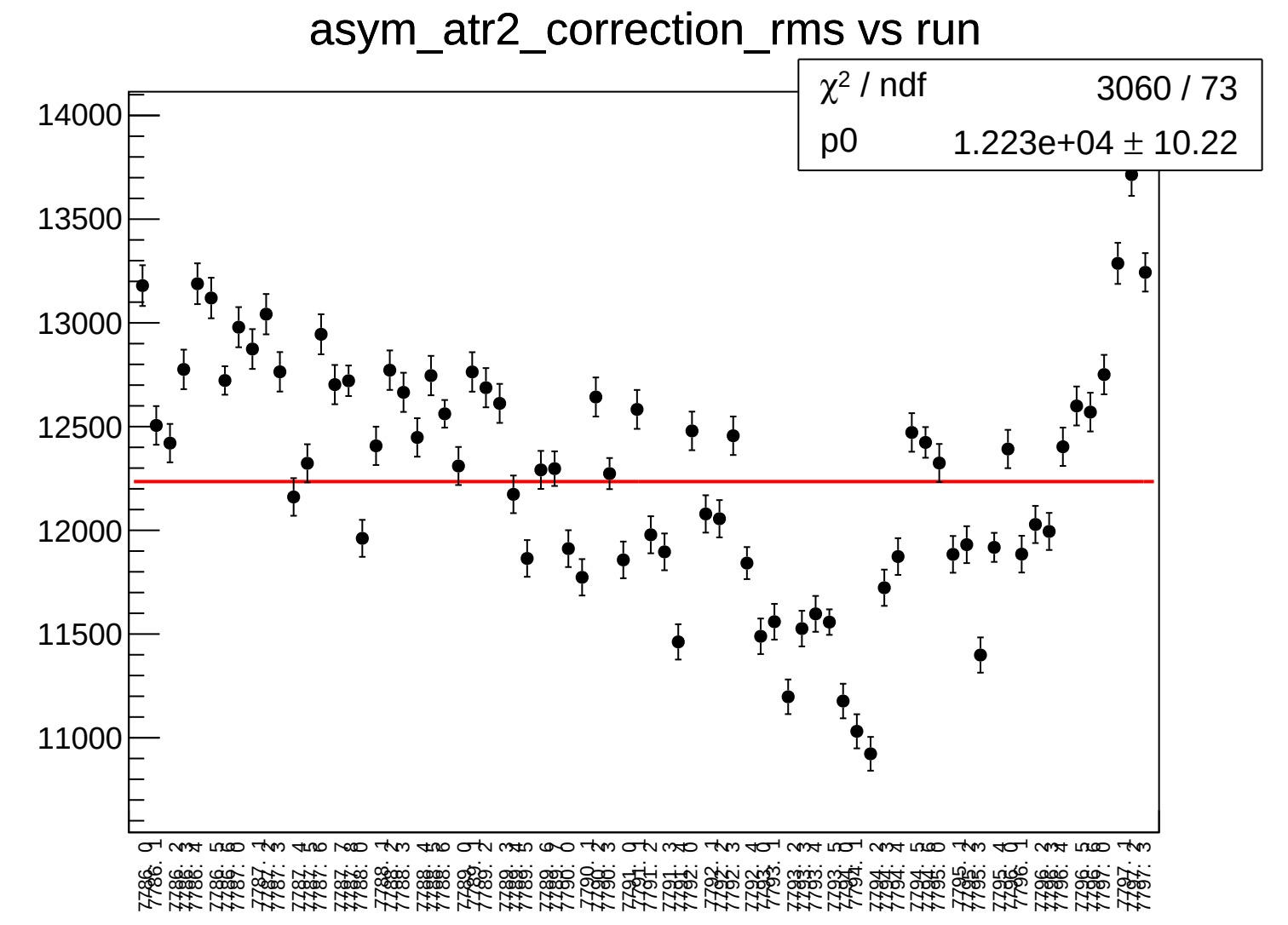

dit_asym_atr2_mean vs run
×10^3
χ² / ndf 80.36 / 73
p0 −6348 ± 3364
100
50
0
−50
−100
pull
Entries 74
Mean 493.3
Std Dev 474.5
2
1
0
−1
−2

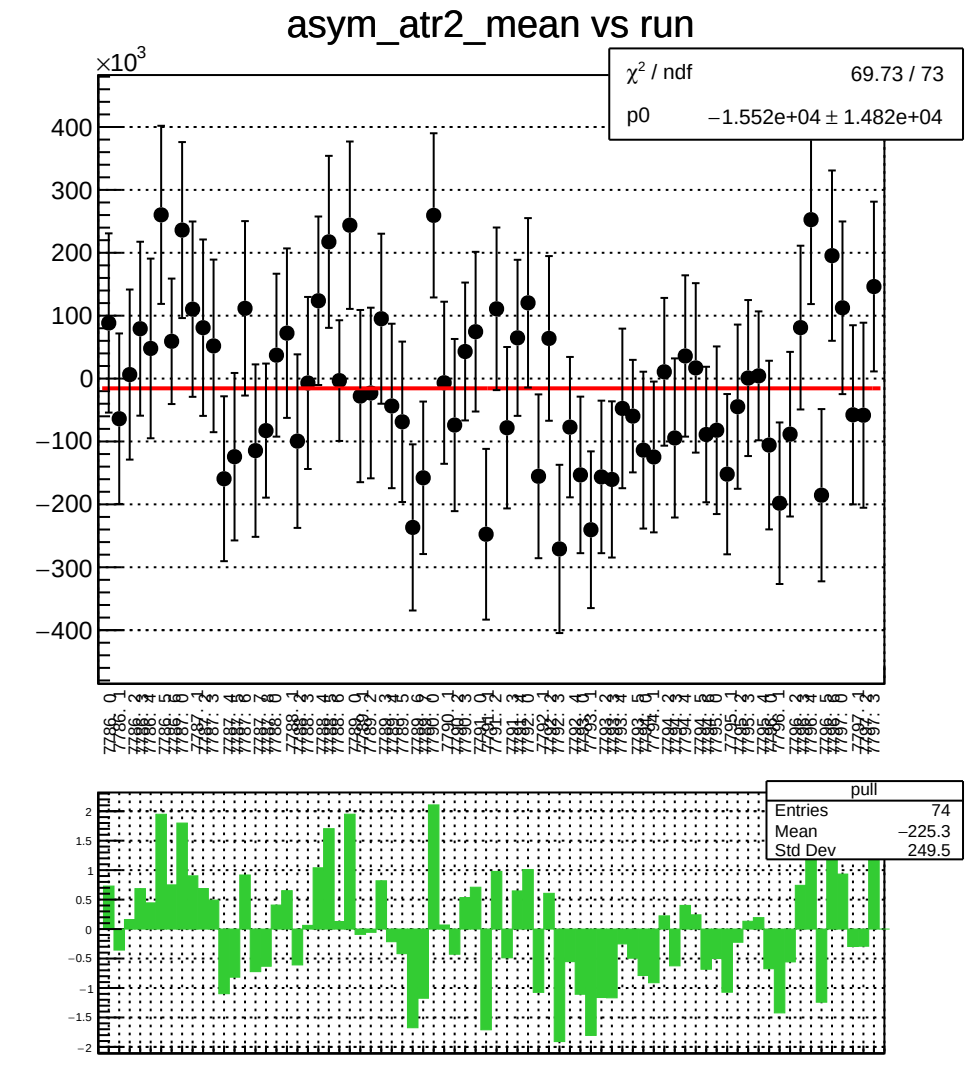

pull1D
Entries 74
Mean −0.004947
Std Dev 1.042
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

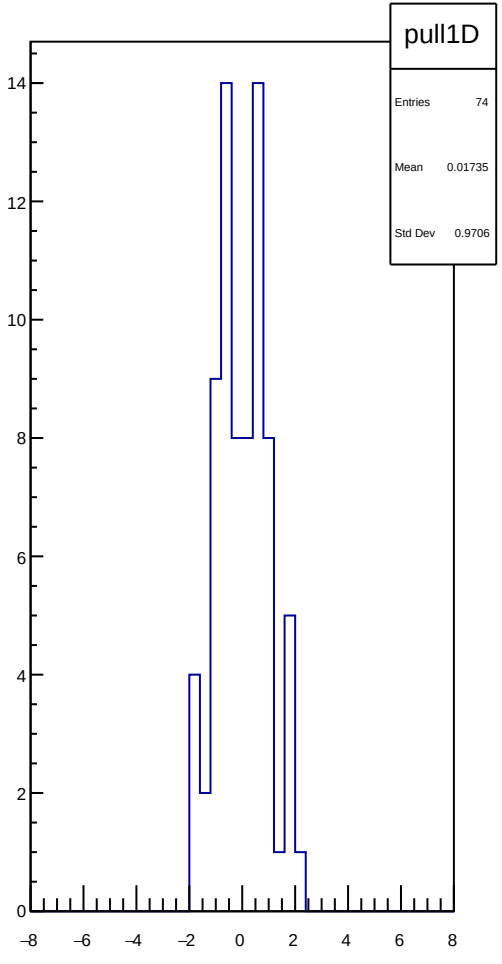

dit_asym_atr2_rms vs run
χ² / ndf 172 / 73
p0 2852 ± 2.379
2950
2900
2850
2800
2750

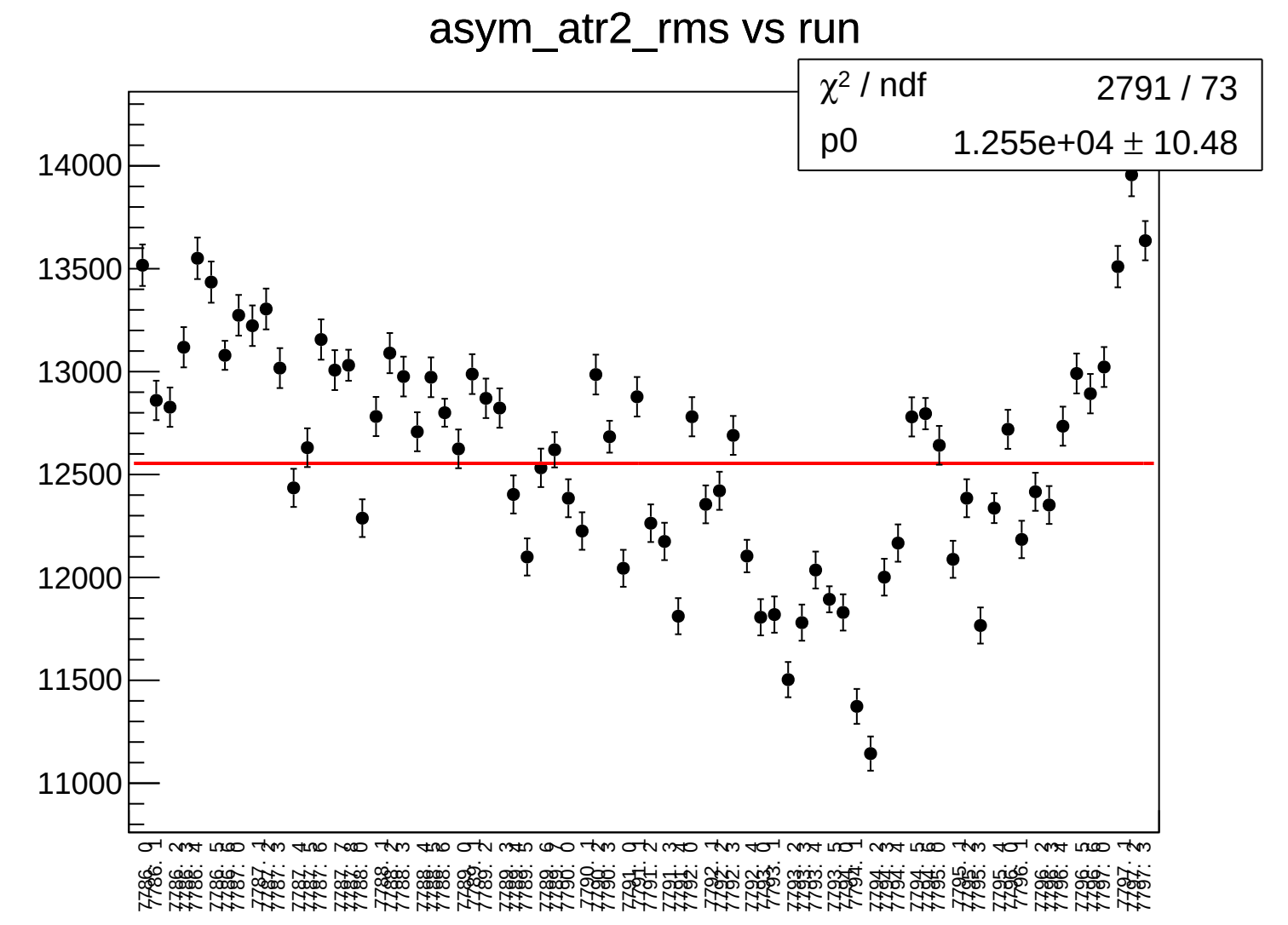

asym_atr2_correction_mean vs run
×10^3
χ² / ndf 70.85 / 73
p0 8955 ± 1.445e+04
pull
Entries 74
Mean −193
Std Dev 217.9

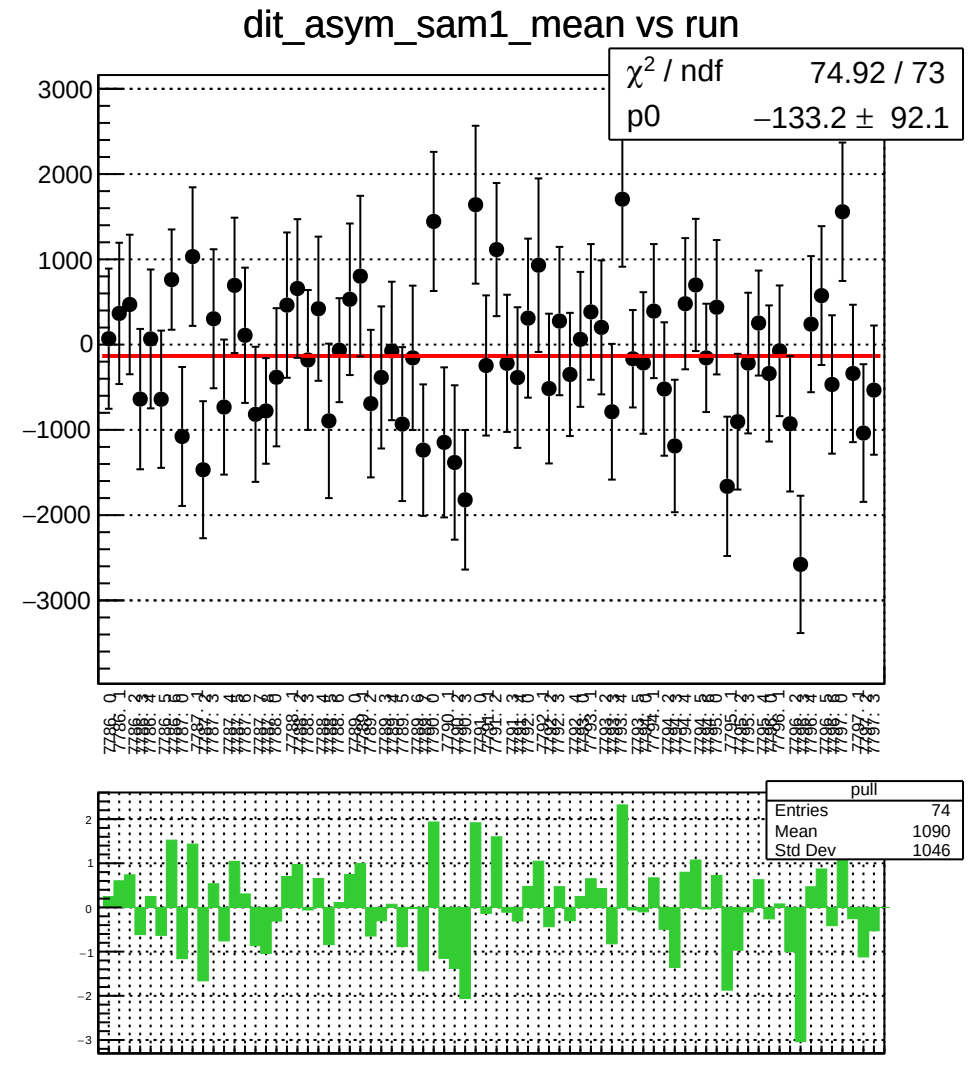

pull1D
Entries 74
Mean −0.01807
Std Dev 0.9783

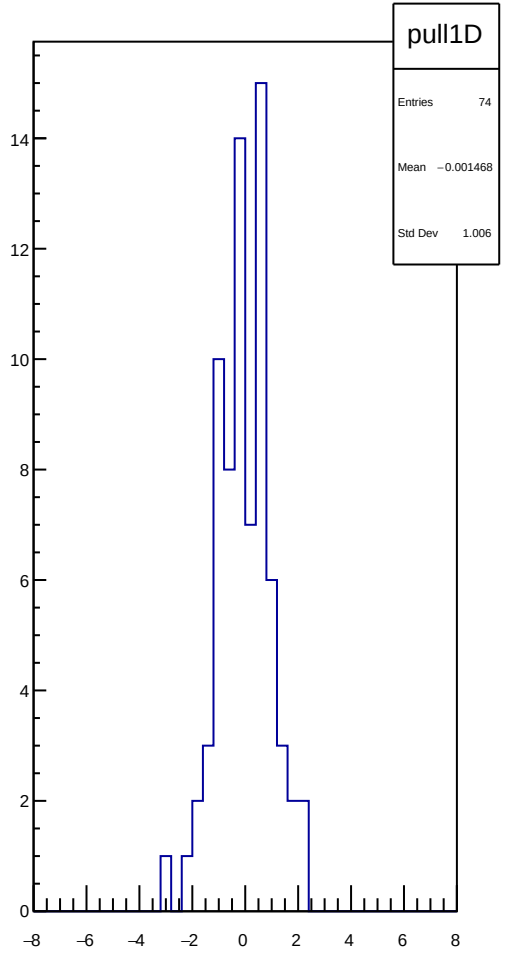

asym_atr2_correction_rms vs run
χ² / ndf 3060 / 73
p0 1.223e+04 ± 10.22
14000
13500
13000
12500
12000
11500
11000

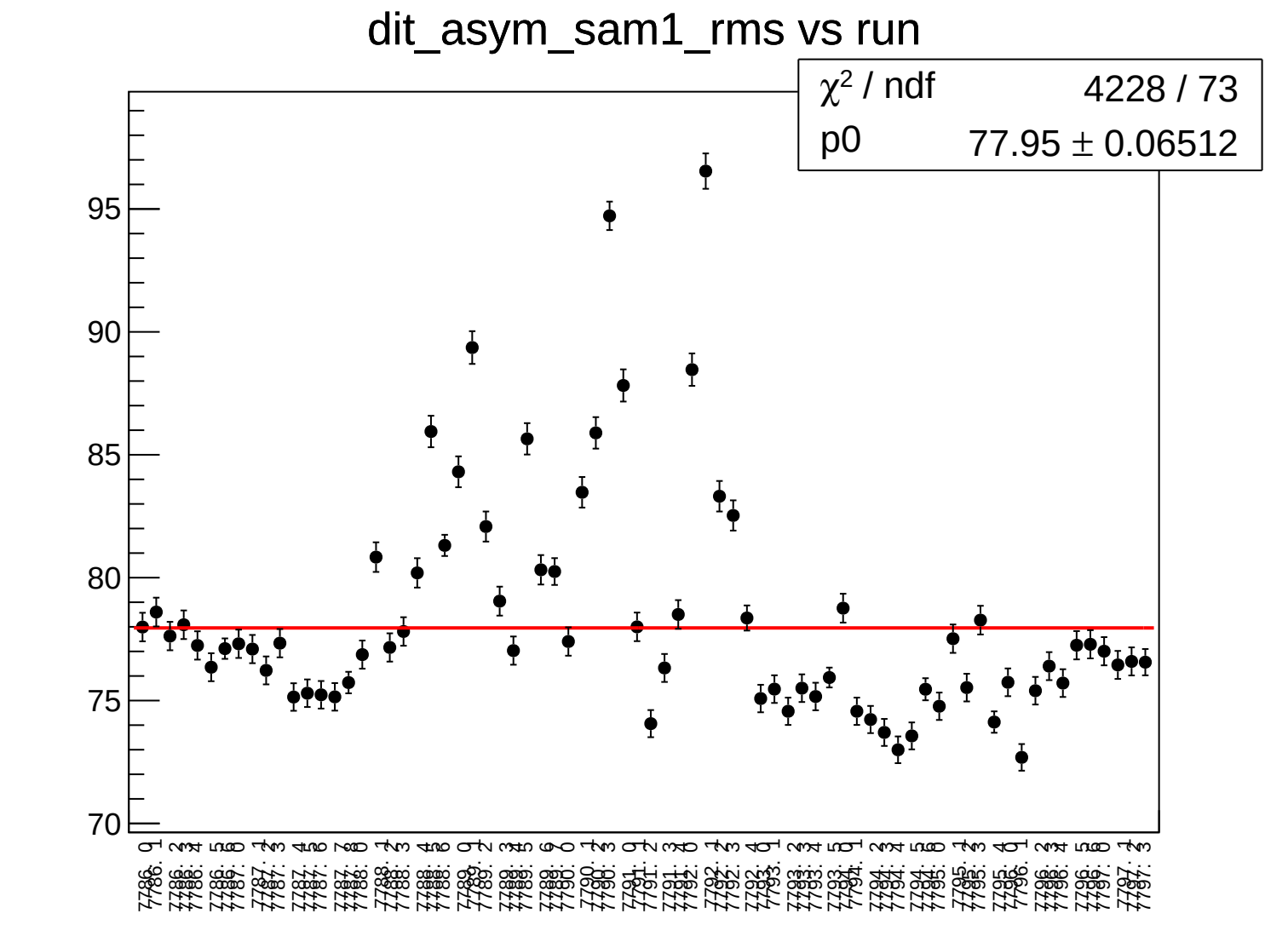

asym_atr2_mean vs run
×10^3
χ² / ndf 69.73 / 73
p0 −1.552e+04 ± 1.482e+04
pull
Entries 74
Mean −225.3
Std Dev 249.5

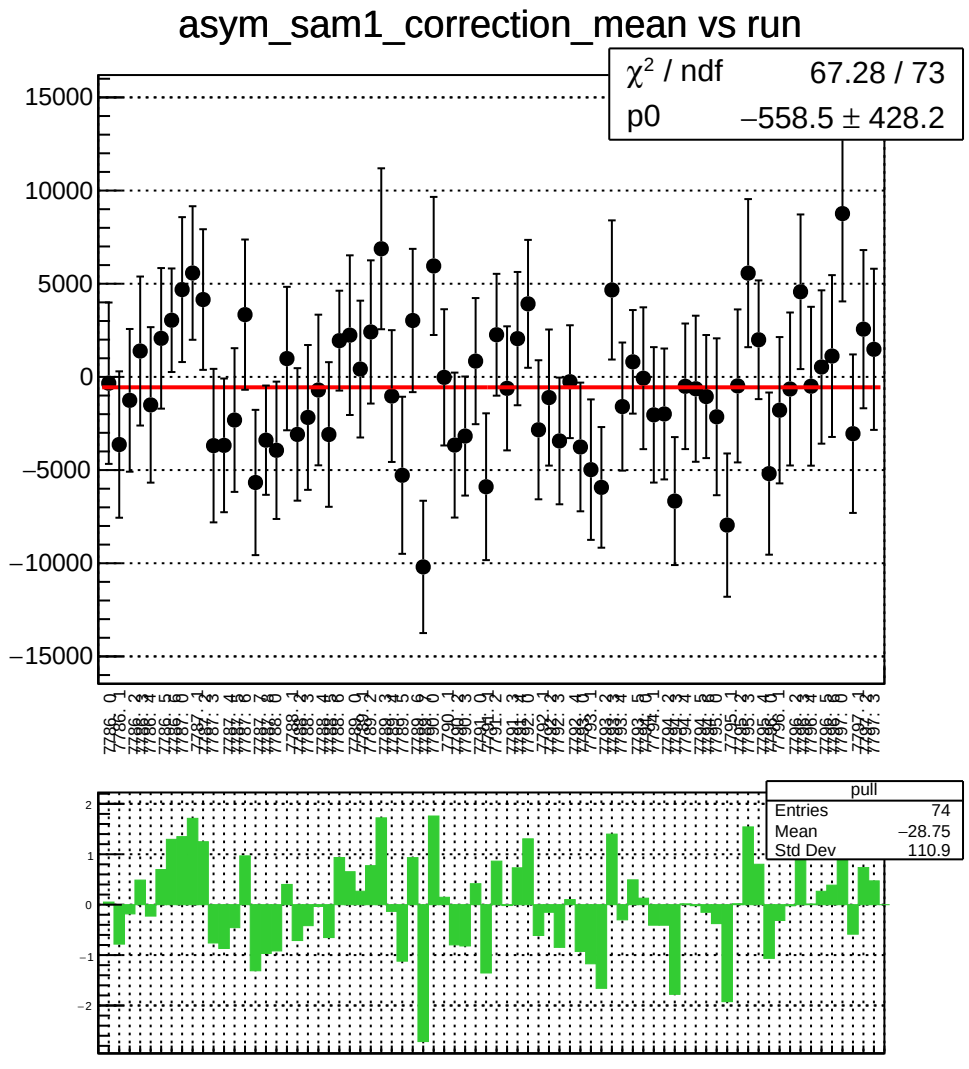

pull1D
Entries 74
Mean 0.01735
Std Dev 0.9706

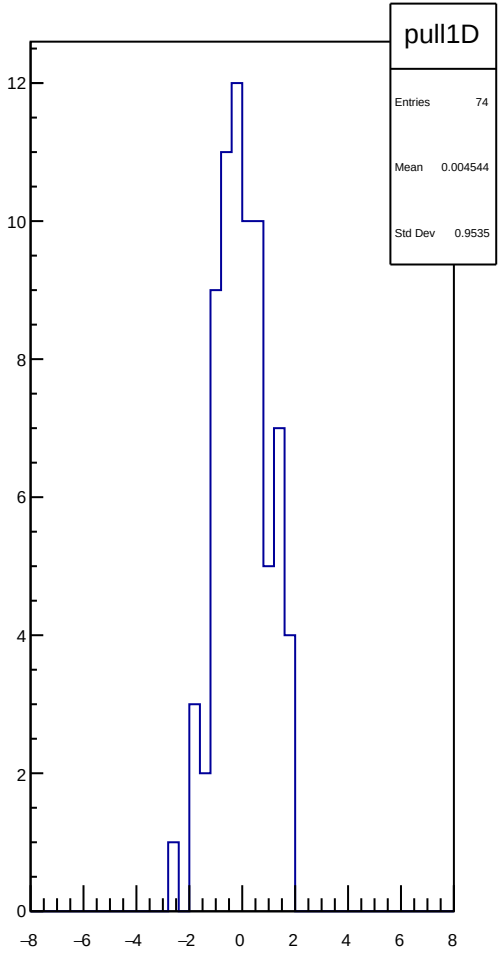

asym_atr2_rms vs run
χ² / ndf 2791 / 73
p0 1.255e+04 ± 10.48
14000
13500
13000
12500
12000
11500
11000

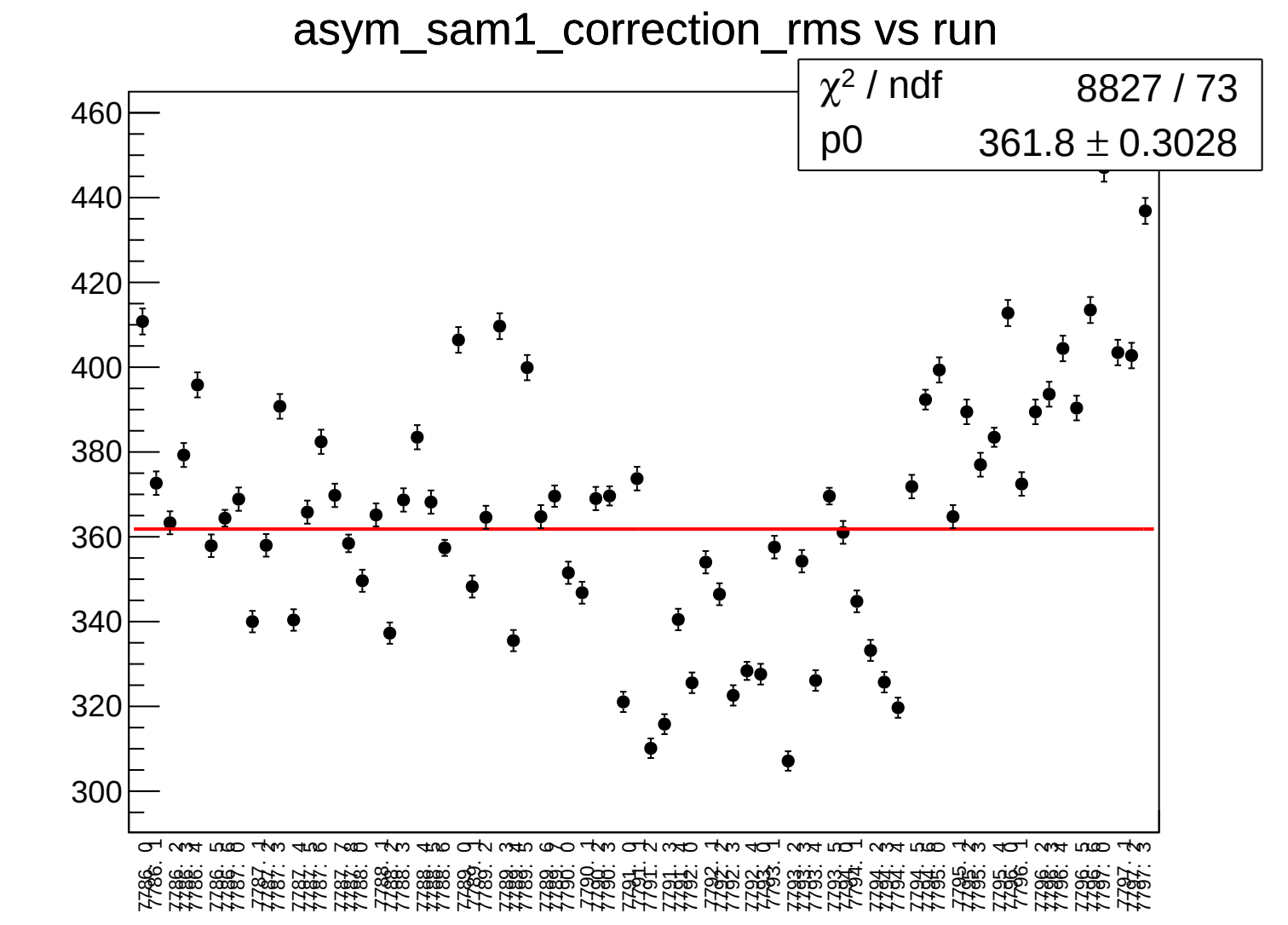

dit_asym_sam1_mean vs run
χ² / ndf 74.92 / 73
p0 −133.2 ± 92.1
pull
Entries 74
Mean 1090
Std Dev 1046

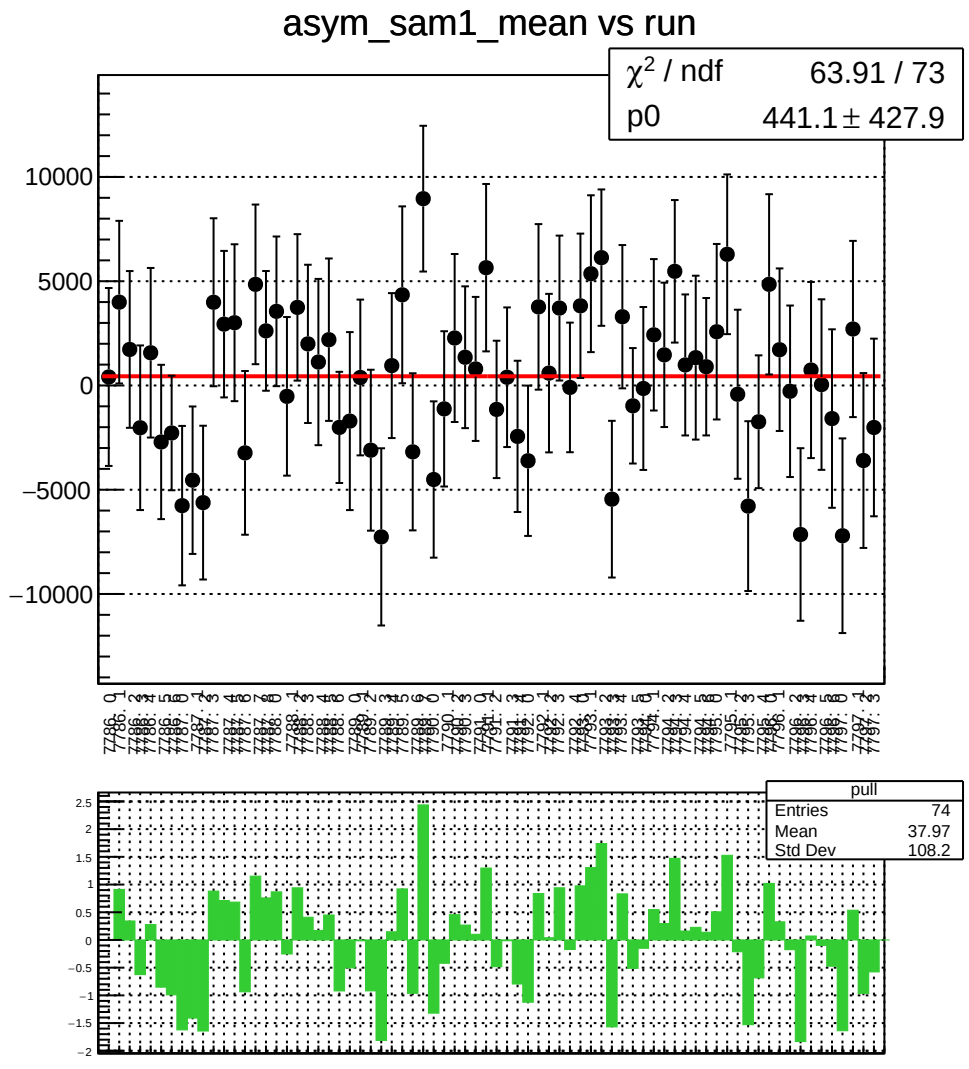

pull1D
Entries 74
Mean −0.001468
Std Dev 1.006

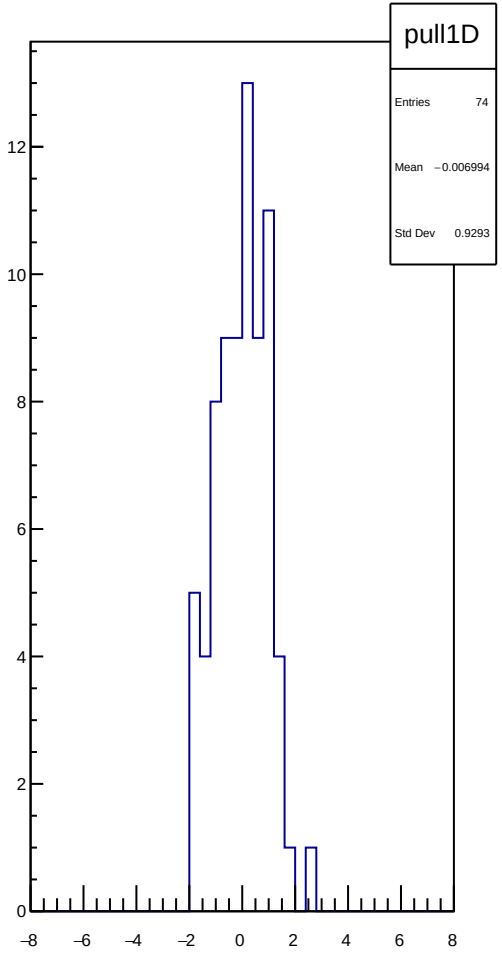

dit_asym_sam1_rms vs run
$\chi^2$ / ndf 4228 / 73
p0 77.95 ± 0.06512
95
90
85
80
75
70

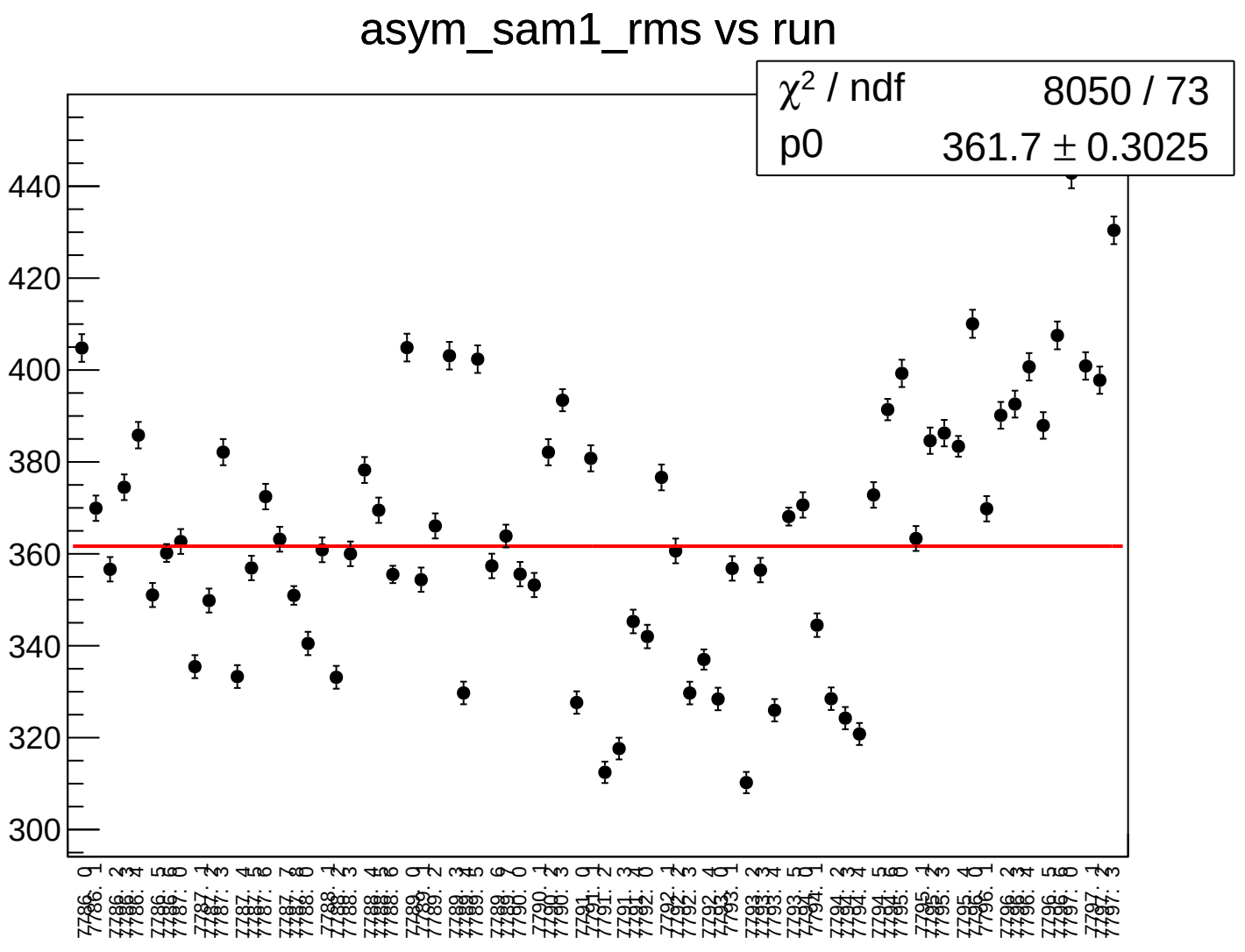

asym_sam1_correction_mean vs run
χ² / ndf 67.28 / 73
p0 −558.5 ± 428.2
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 74
Mean −28.75
Std Dev 110.9
2
1
0
−1
−2

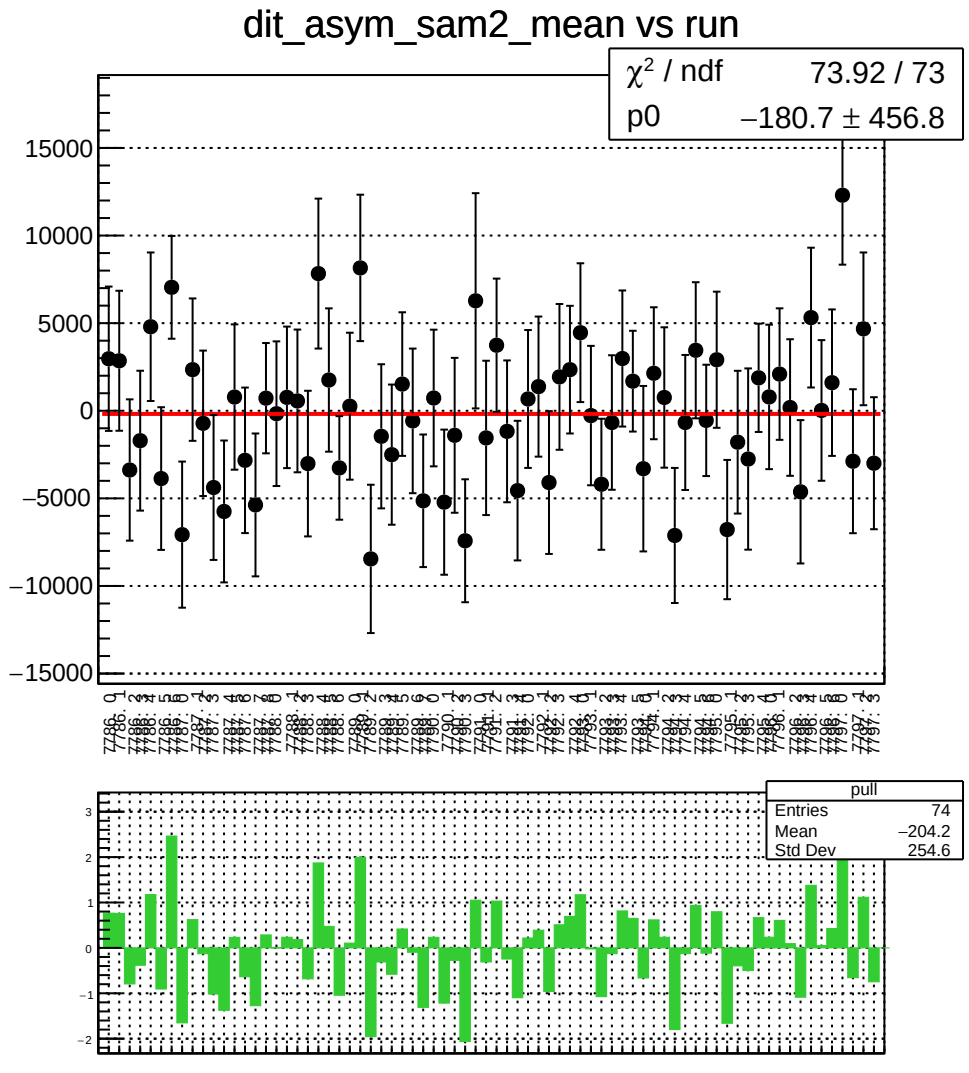

pull1D
Entries 74
Mean 0.004544
Std Dev 0.9535
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

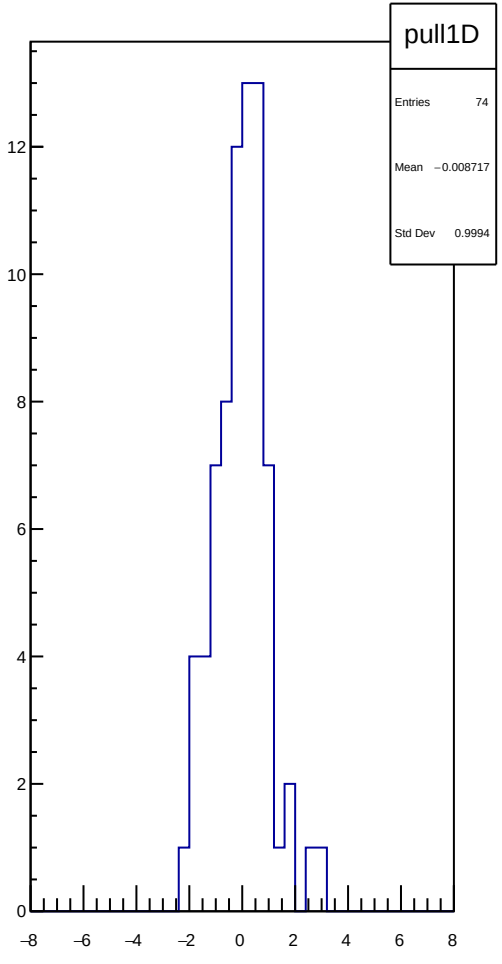

asym_sam1_correction_rms vs run
χ² / ndf 8827 / 73
p0 361.8 ± 0.3028
460
440
420
400
380
360
340
320
300

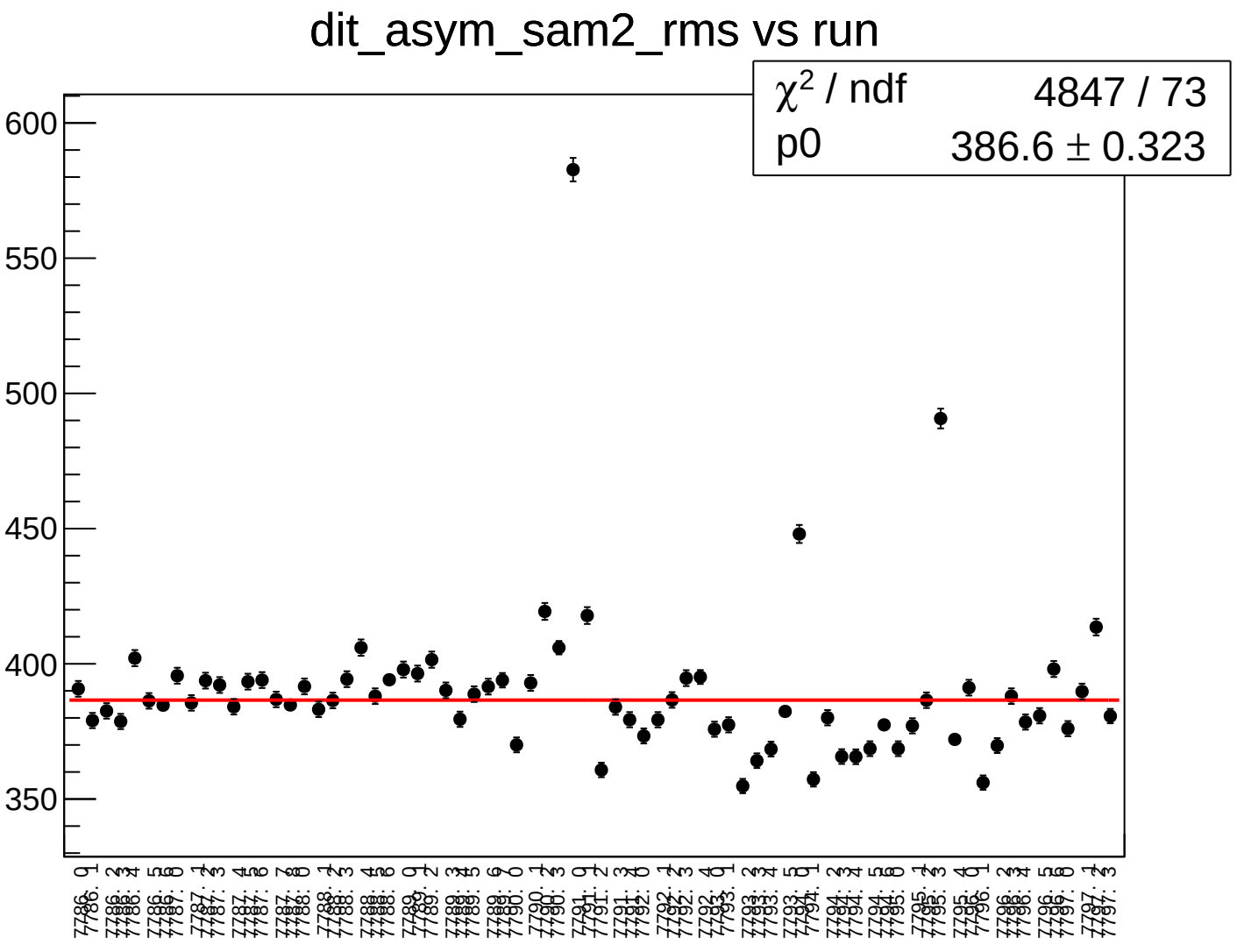

asym_sam1_mean vs run
χ² / ndf 63.91 / 73
p0 441.1 ± 427.9
10000
5000
0
−5000
−10000
pull
Entries 74
Mean 37.97
Std Dev 108.2
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

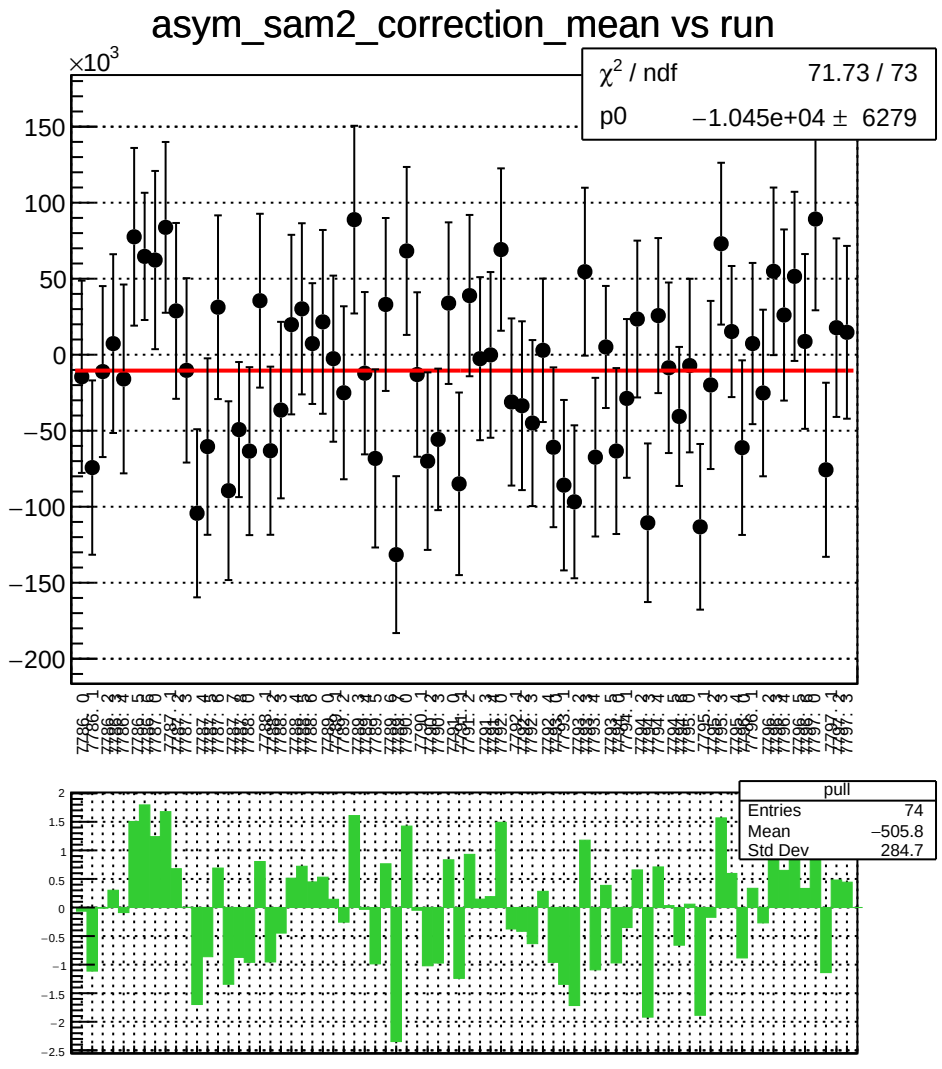

pull1D
Entries 74
Mean −0.006994
Std Dev 0.9293
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

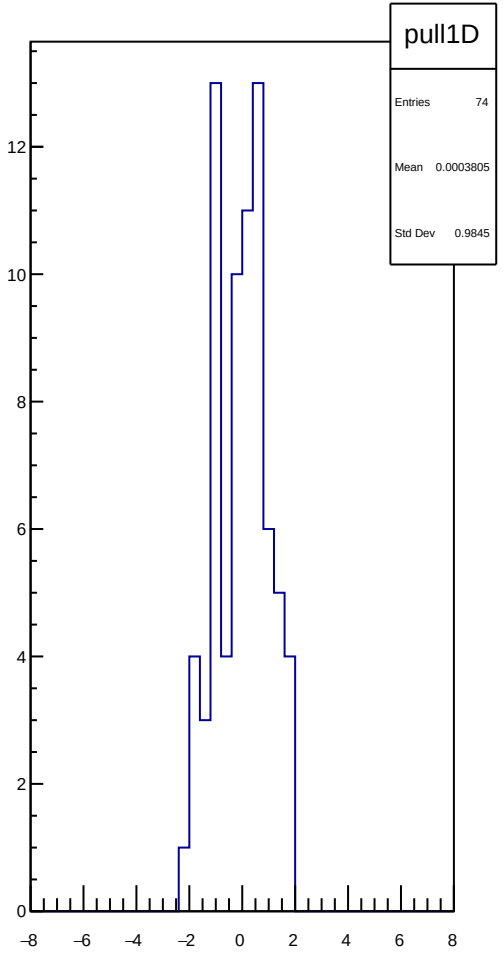

asym_sam1_rms vs run
χ² / ndf 8050 / 73
p0 361.7 ± 0.3025
440
420
400
380
360
340
320
300

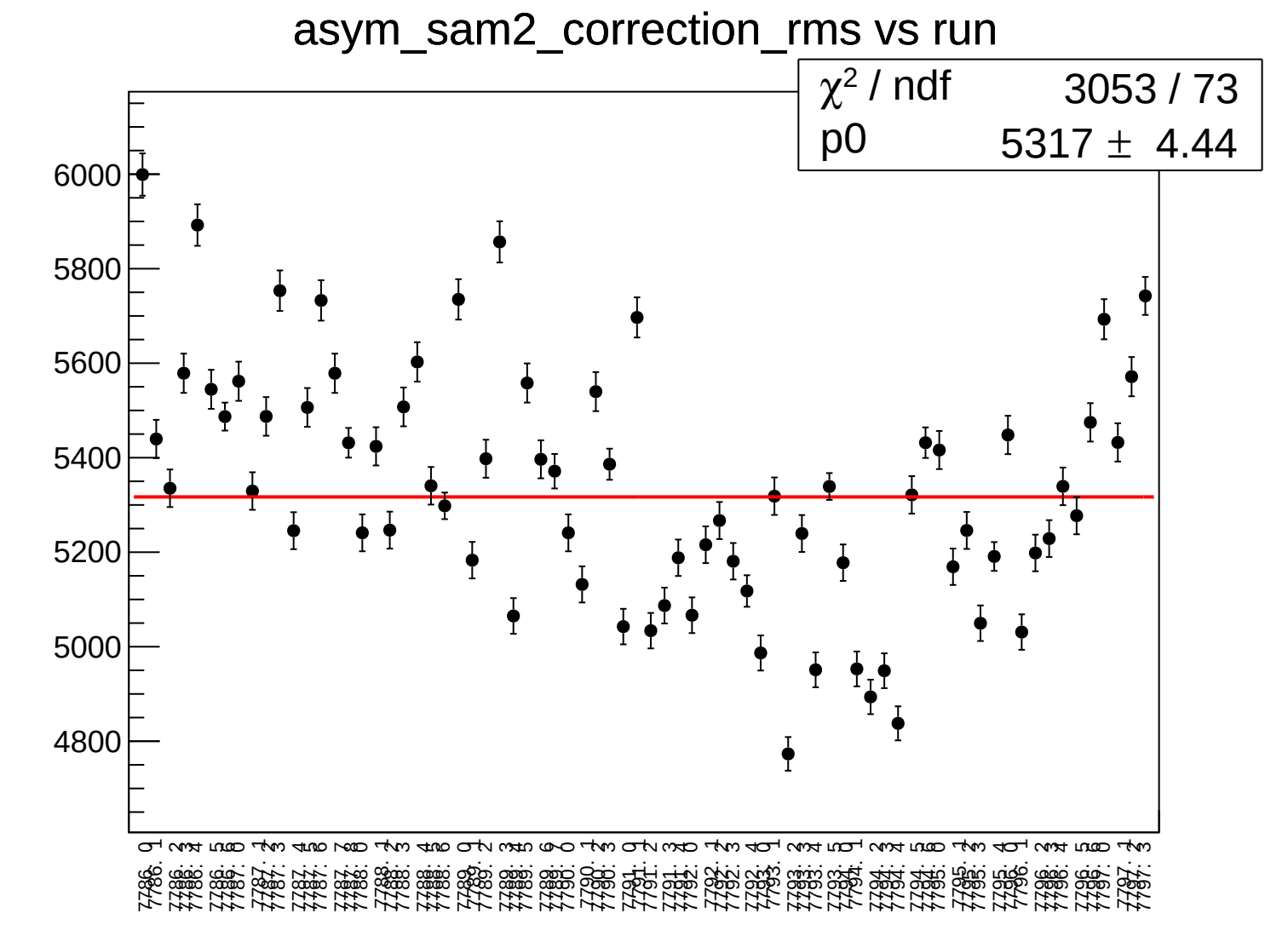

dit_asym_sam2_mean vs run
χ² / ndf 73.92 / 73
p0 −180.7 ± 456.8
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 74
Mean −204.2
Std Dev 254.6
3
2
1
0
−1
−2

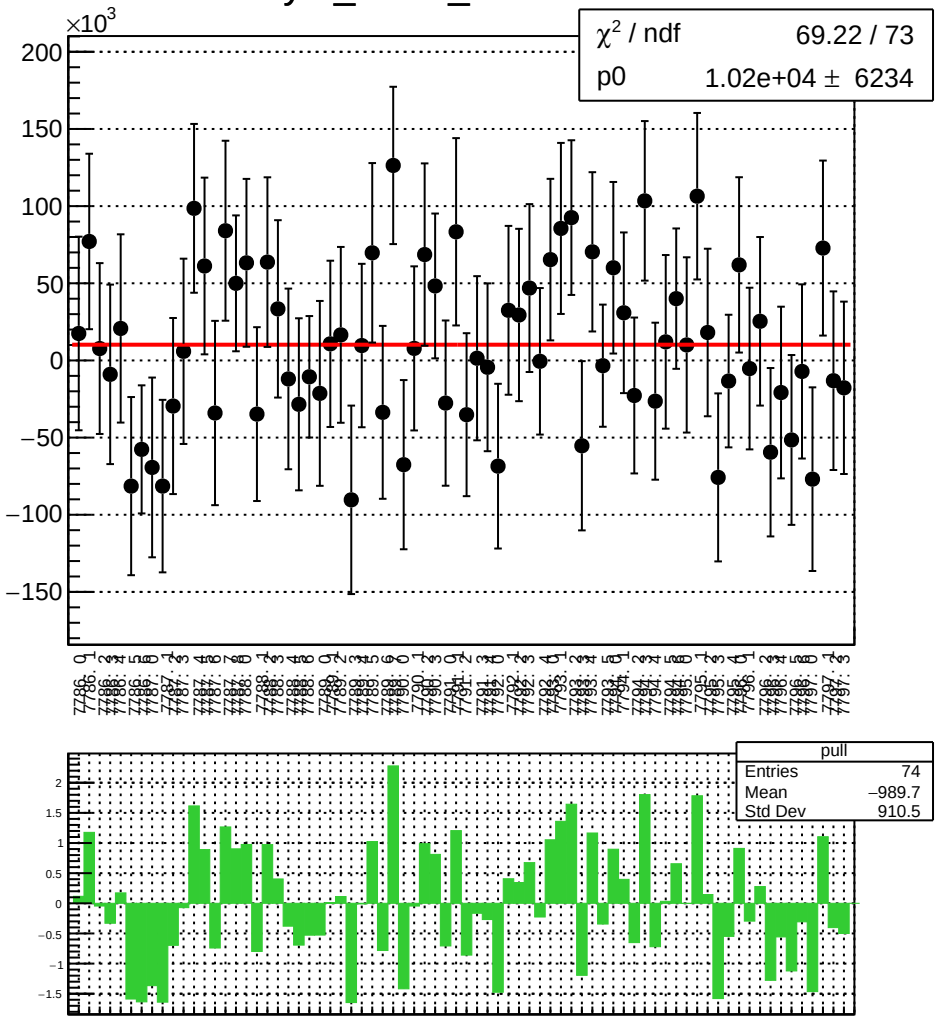

pull1D
Entries 74
Mean −0.008717
Std Dev 0.9994
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

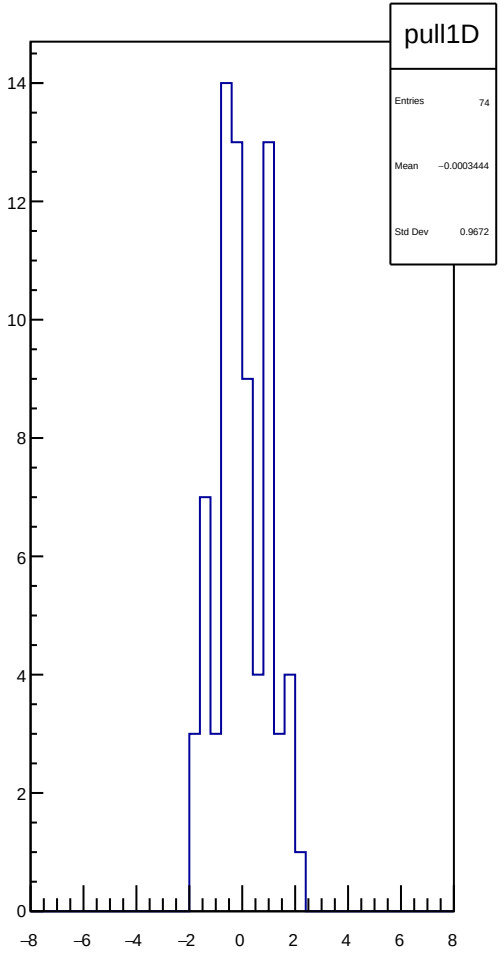

dit_asym_sam2_rms vs run
$\chi^2$ / ndf 4847 / 73
p0 386.6 ± 0.323
600
550
500
450
400
350

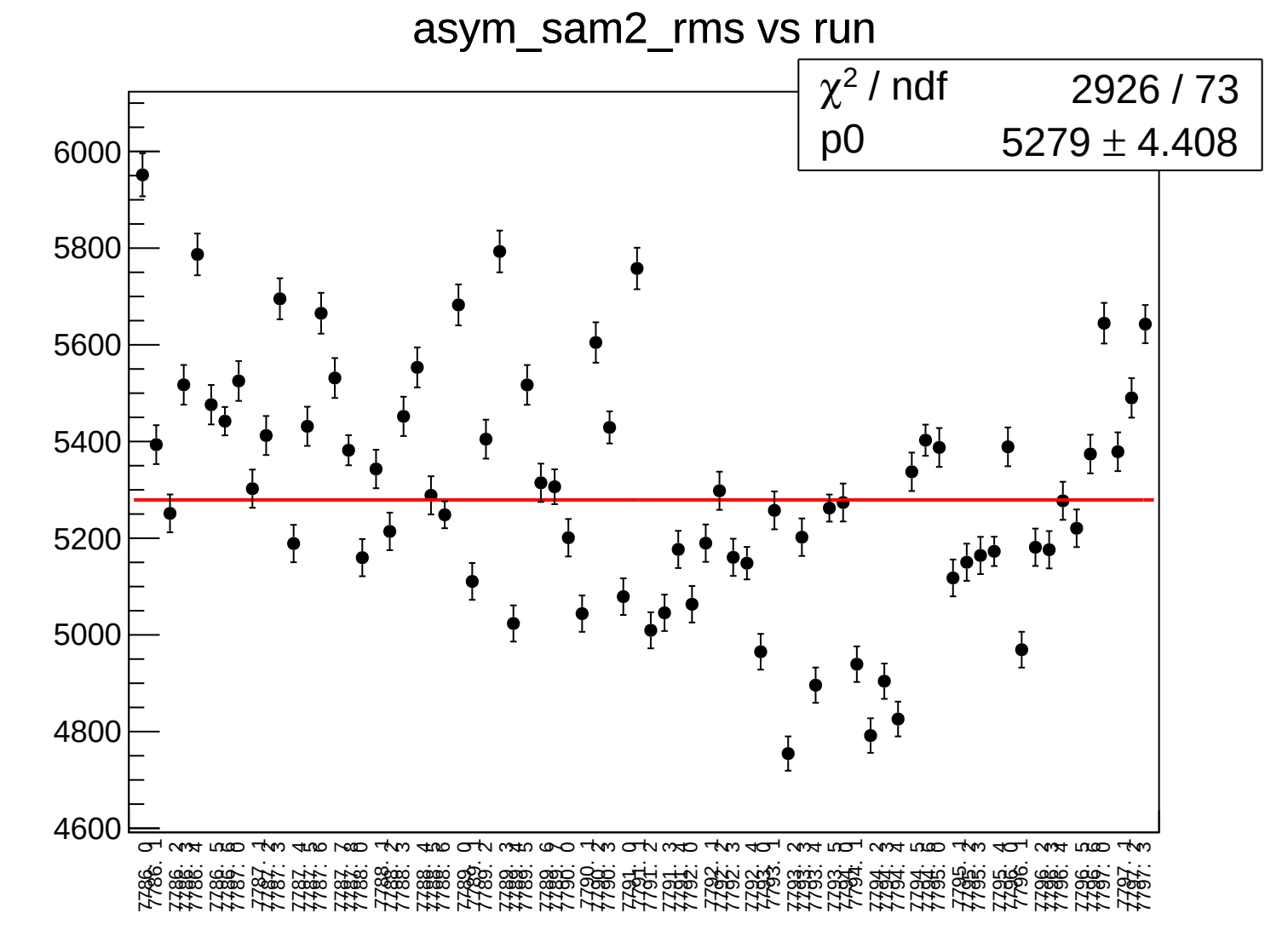

asym_sam2_correction_mean vs run
×10^3
χ² / ndf 71.73 / 73
p0 −1.045e+04 ± 6279
150
100
50
0
−50
−100
−150
−200
pull
Entries 74
Mean −505.8
Std Dev 284.7
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

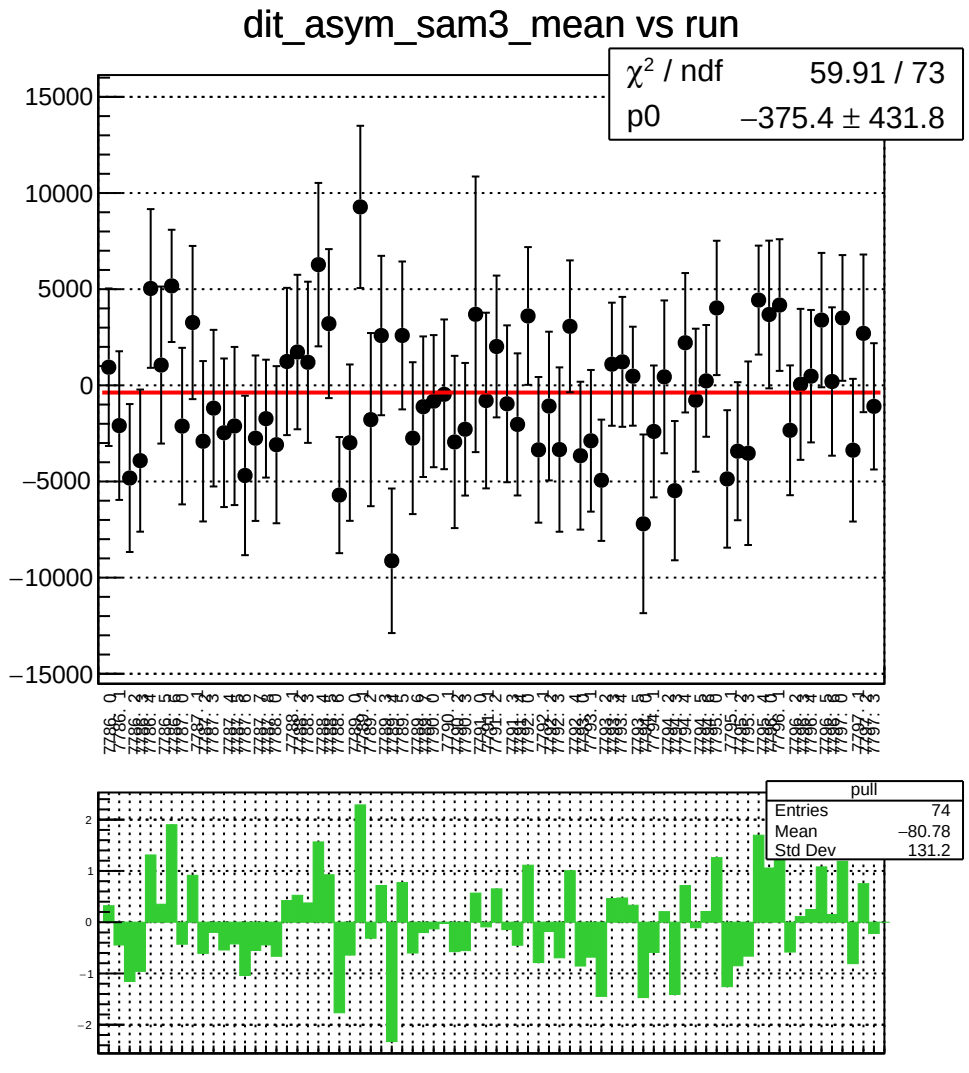

pull1D
Entries 74
Mean 0.0003805
Std Dev 0.9845
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

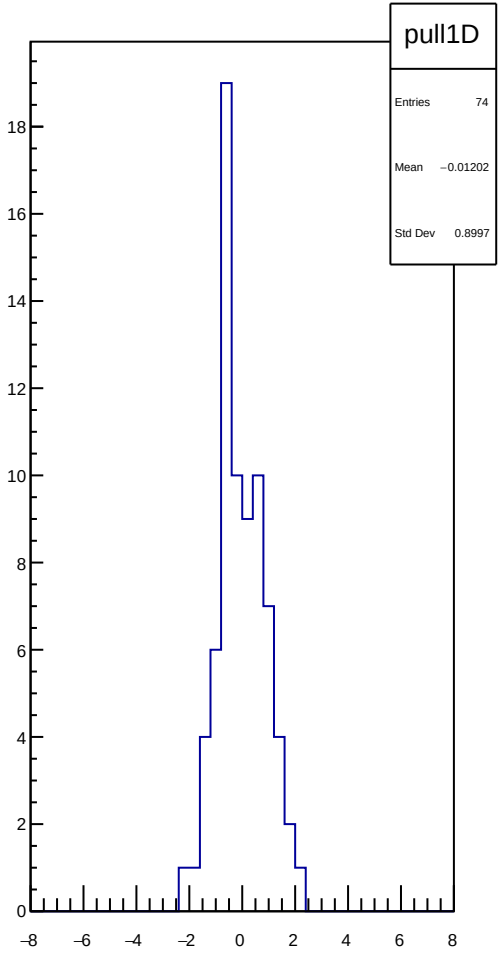

asym_sam2_correction_rms vs run
χ² / ndf 3053 / 73
p0 5317 ± 4.44
6000
5800
5600
5400
5200
5000
4800

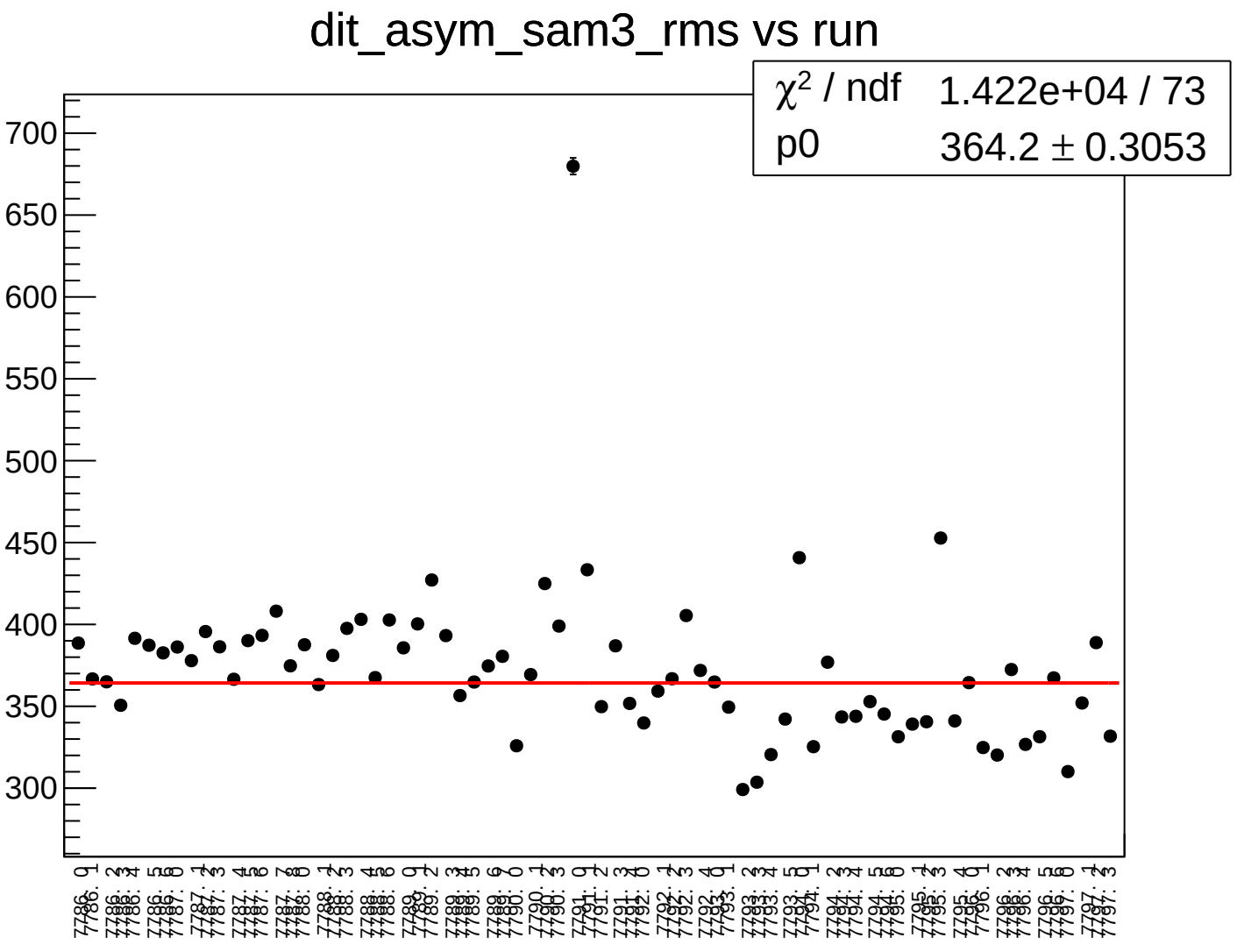

asym_sam2_mean vs run
×10^3
χ² / ndf 69.22 / 73
p0 1.02e+04 ± 6234
pull
Entries 74
Mean −989.7
Std Dev 910.5

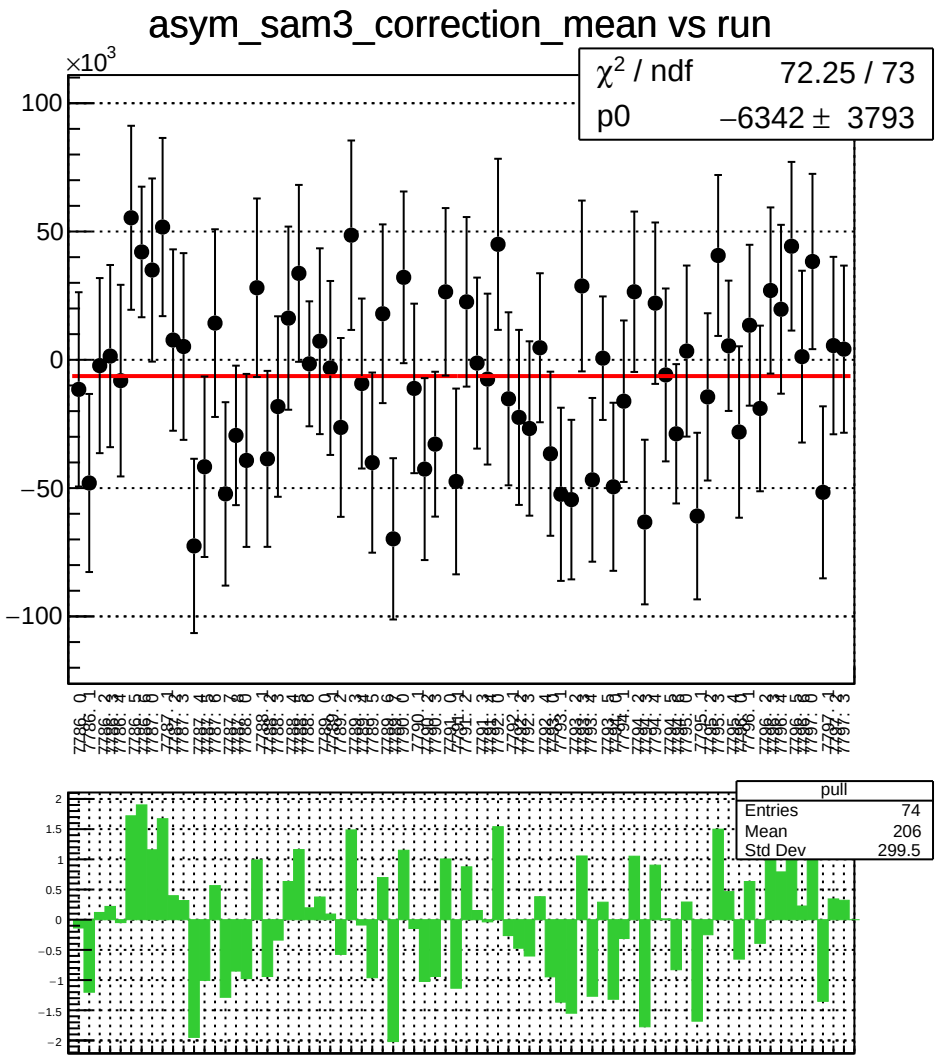

pull1D
Entries 74
Mean −0.0003444
Std Dev 0.9672

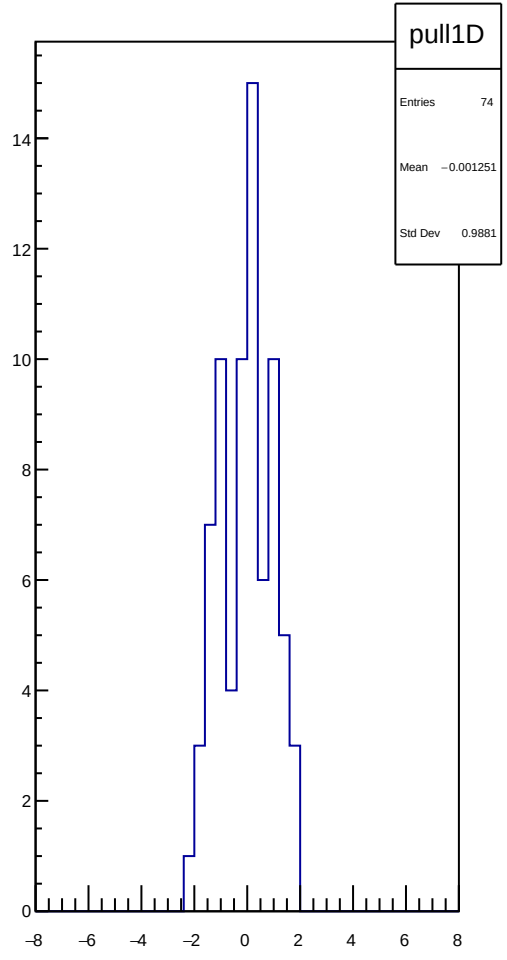

asym_sam2_rms vs run
$\chi^2$ / ndf 2926 / 73
p0 5279 ± 4.408
6000
5800
5600
5400
5200
5000
4800
4600

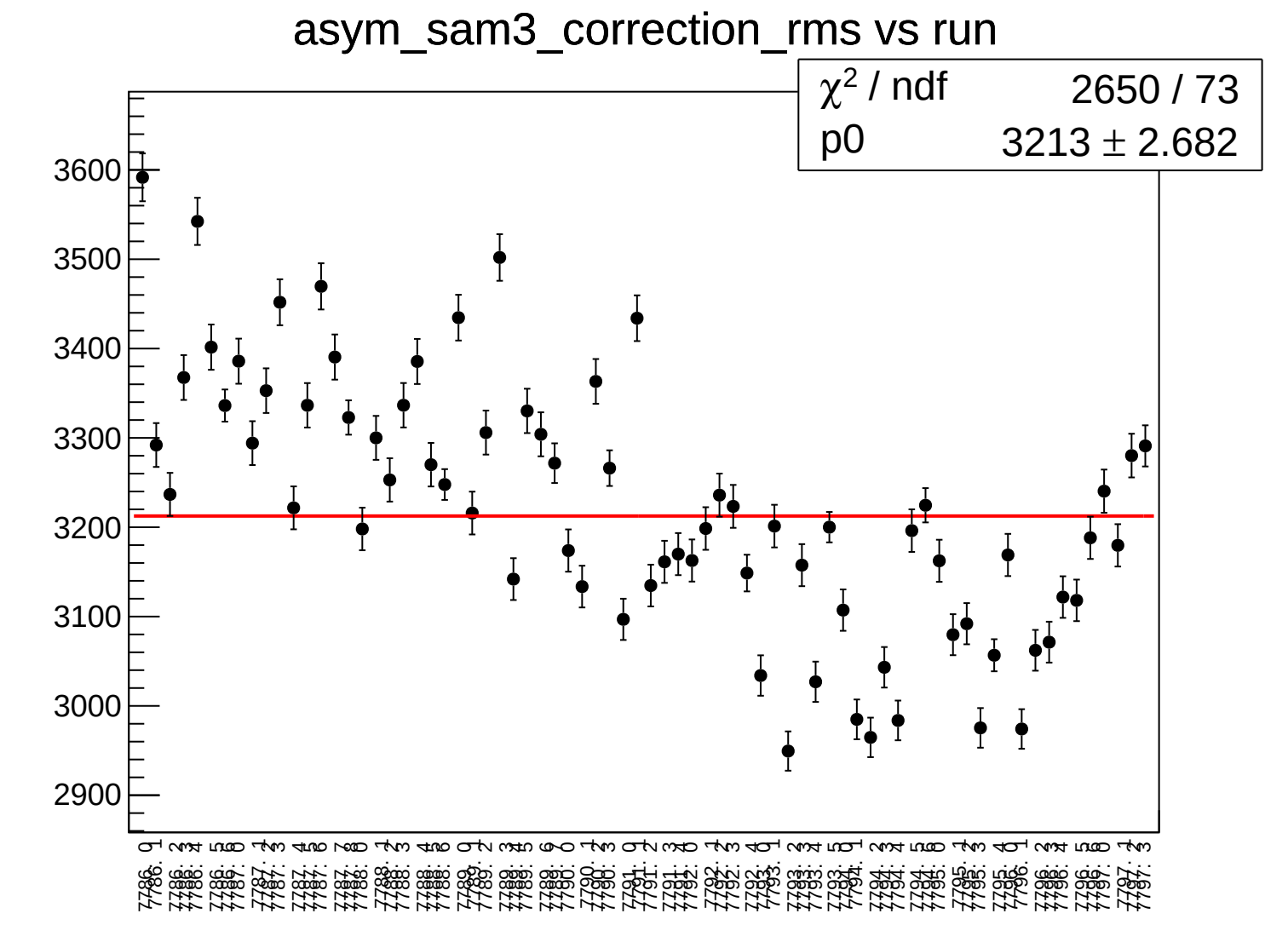

dit_asym_sam3_mean vs run
χ² / ndf 59.91 / 73
p0 −375.4 ± 431.8
pull
Entries 74
Mean −80.78
Std Dev 131.2

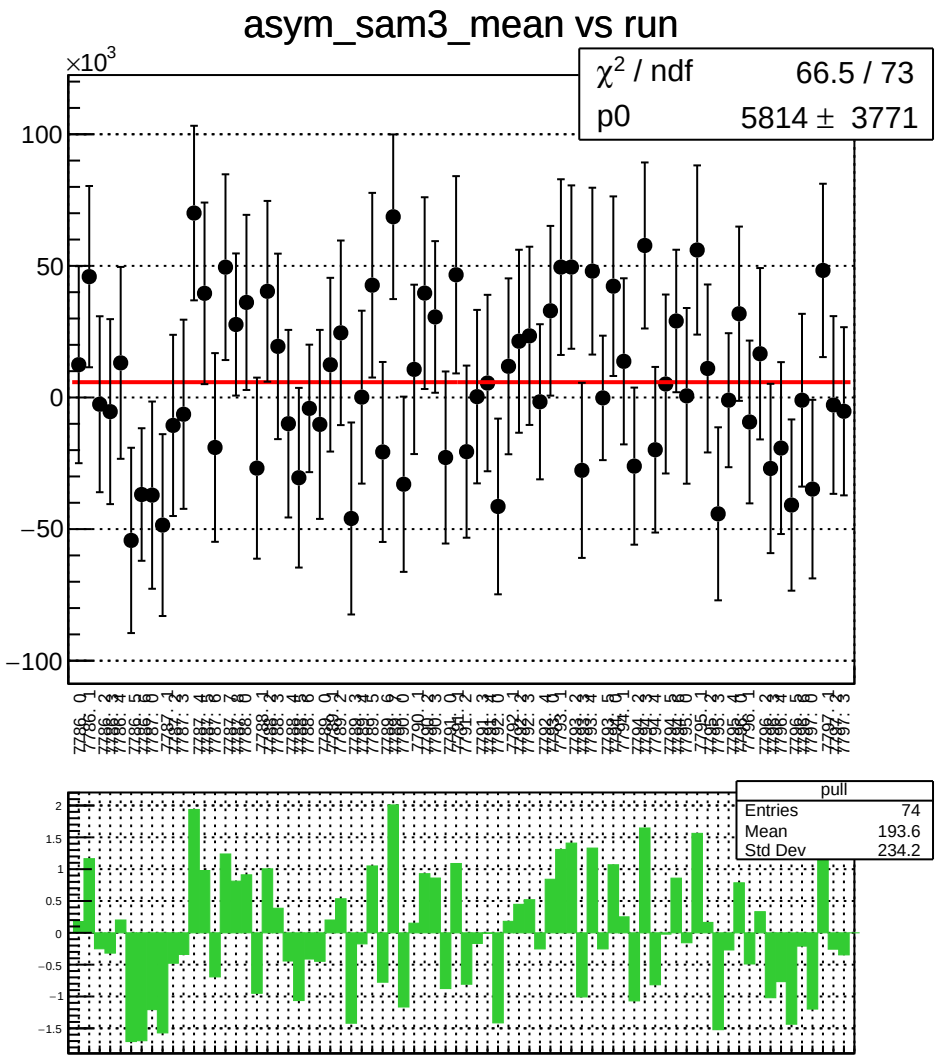

pull1D
Entries 74
Mean −0.01202
Std Dev 0.8997

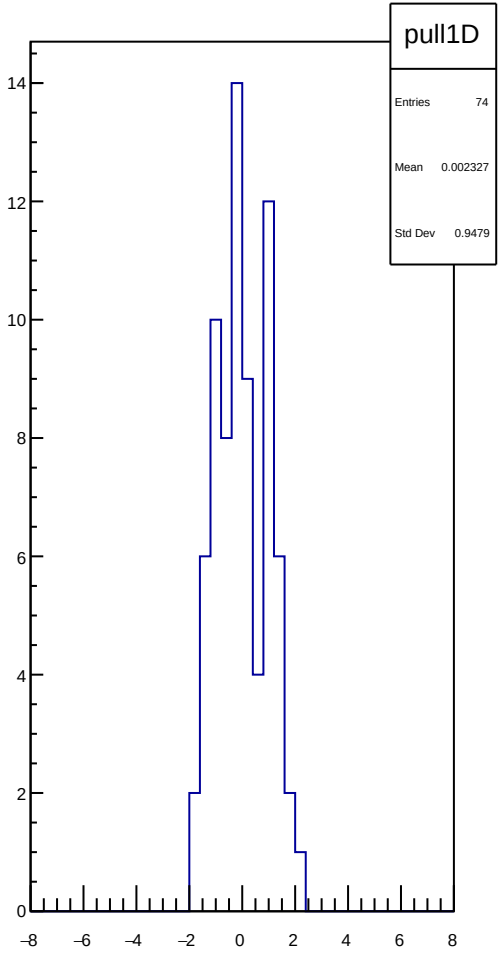

dit_asym_sam3_rms vs run
χ² / ndf 1.422e+04 / 73
p0 364.2 ± 0.3053
700
650
600
550
500
450
400
350
300

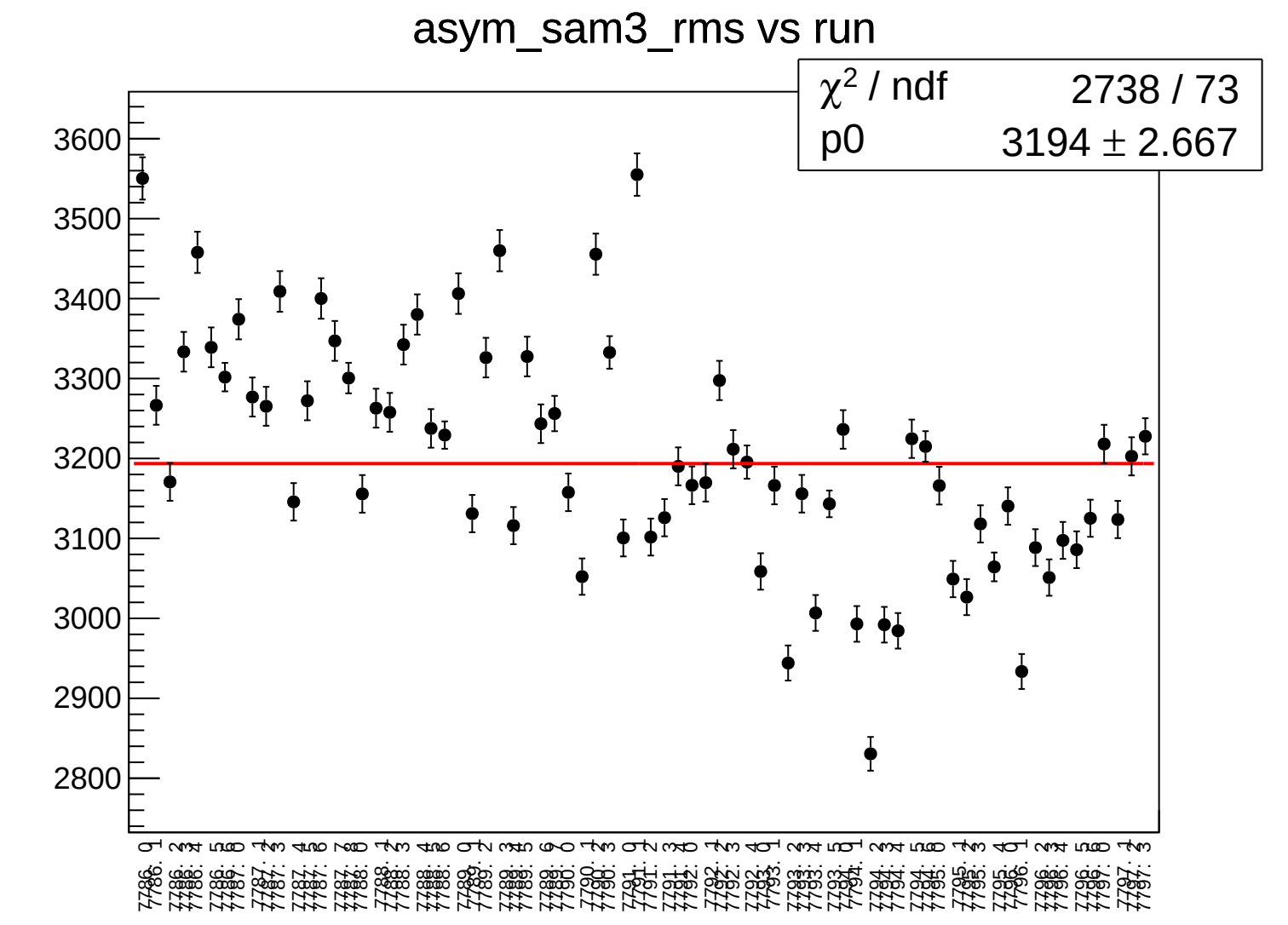

asym_sam3_correction_mean vs run
×10^3
χ² / ndf 72.25 / 73
p0 −6342 ± 3793
100
50
0
−50
−100
pull
Entries 74
Mean 206
Std Dev 299.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

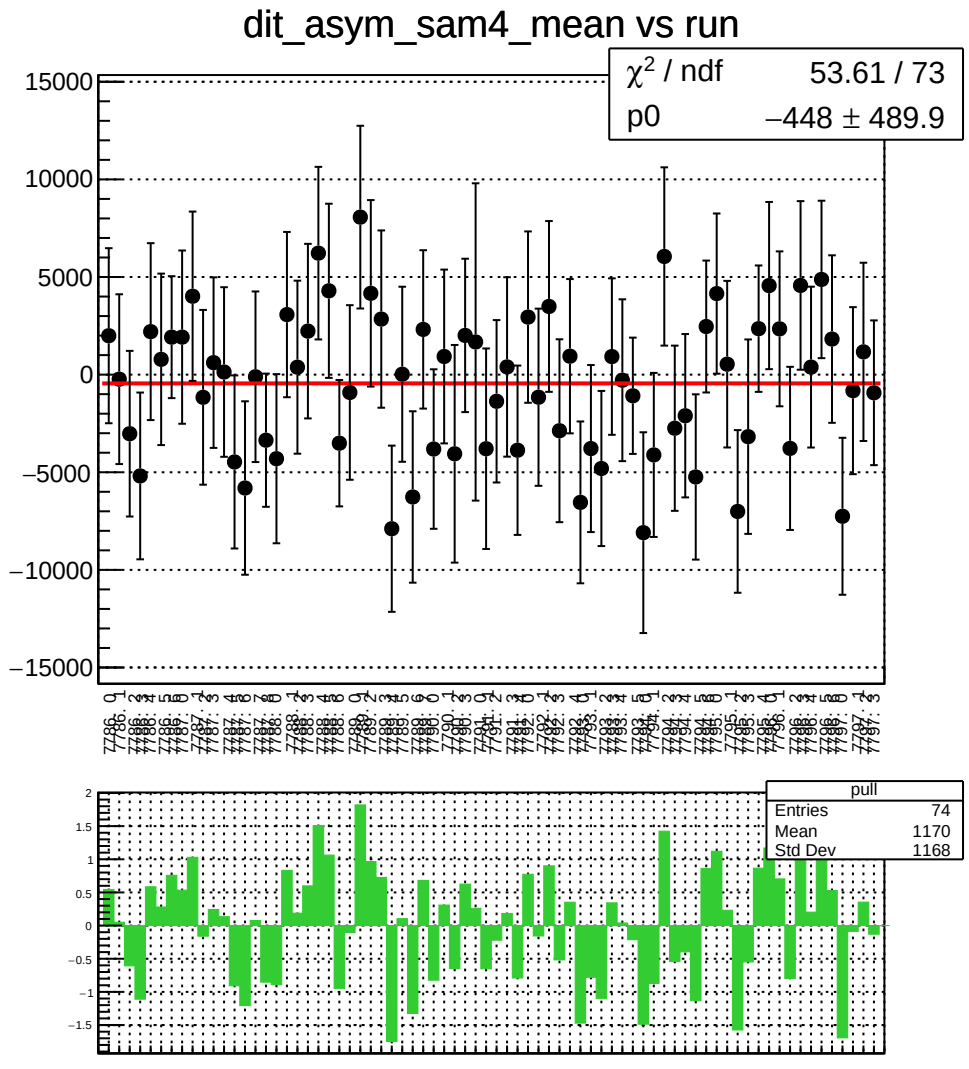

pull1D
Entries 74
Mean −0.001251
Std Dev 0.9881
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

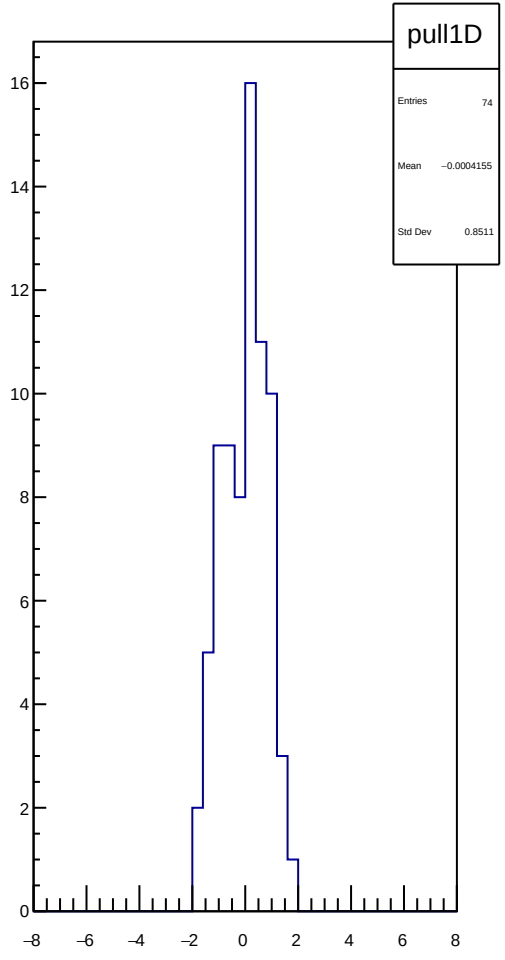

asym_sam3_correction_rms vs run
$\chi^2$ / ndf 2650 / 73
p0 3213 ± 2.682
3600
3500
3400
3300
3200
3100
3000
2900

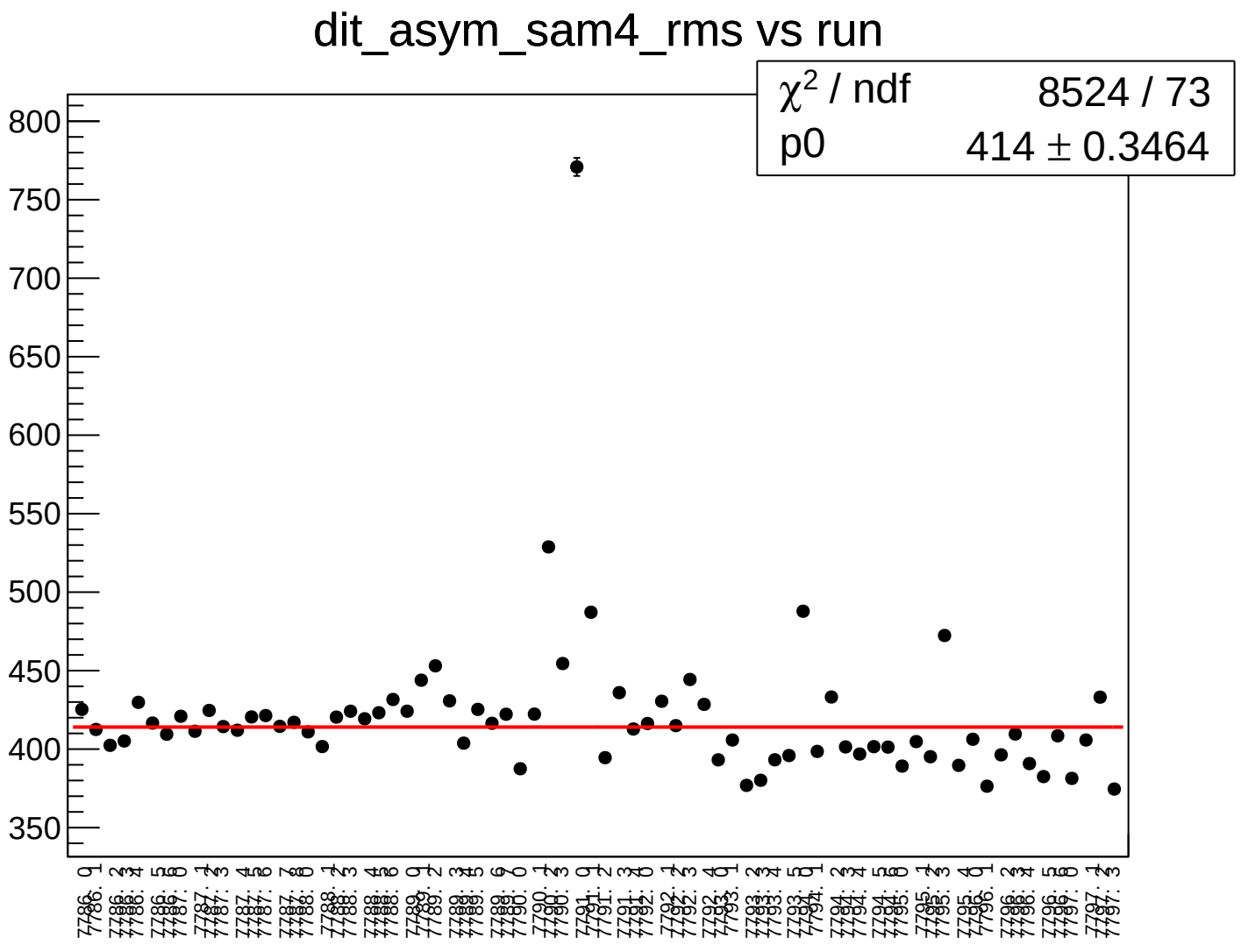

asym_sam3_mean vs run
×10^3
χ² / ndf 66.5 / 73
p0 5814 ± 3771
100
50
0
−50
−100
pull
Entries 74
Mean 193.6
Std Dev 234.2
2
1.5
1
0.5
0
−0.5
−1
−1.5

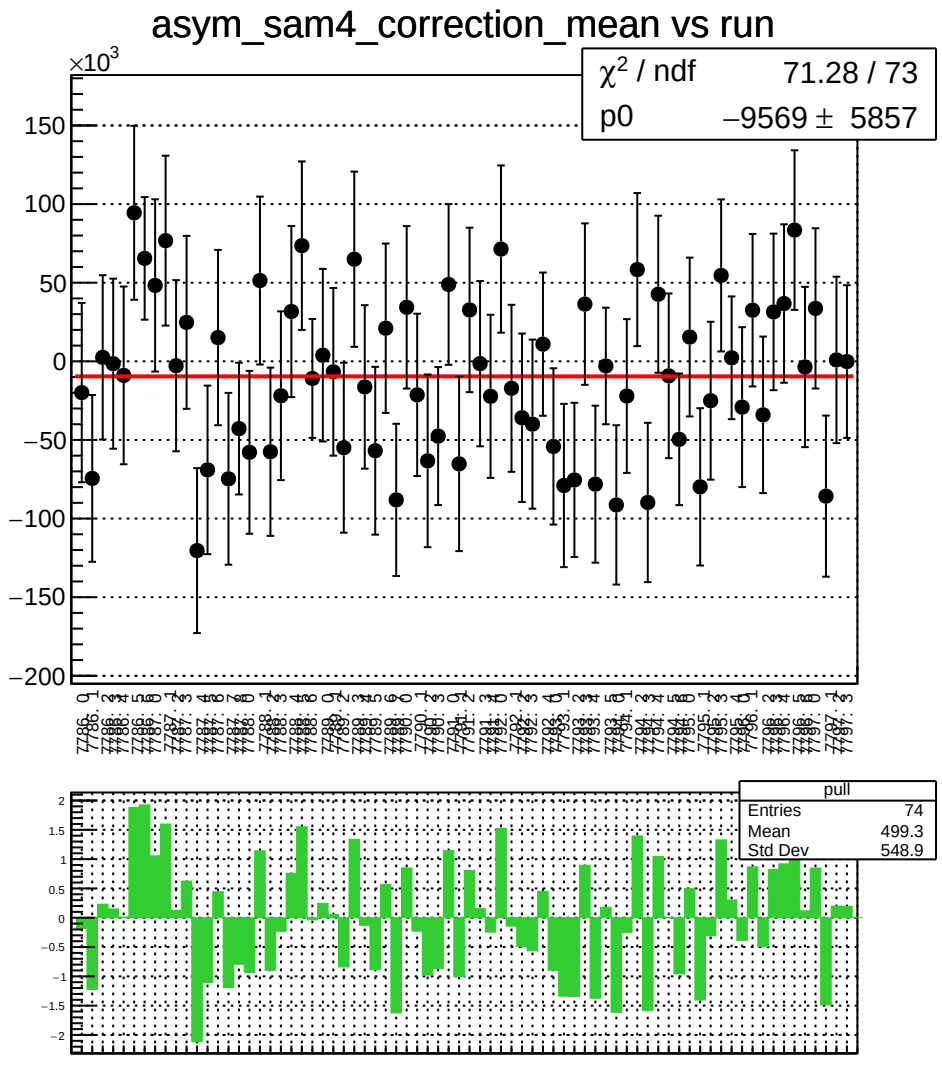

pull1D
Entries 74
Mean 0.002327
Std Dev 0.9479
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

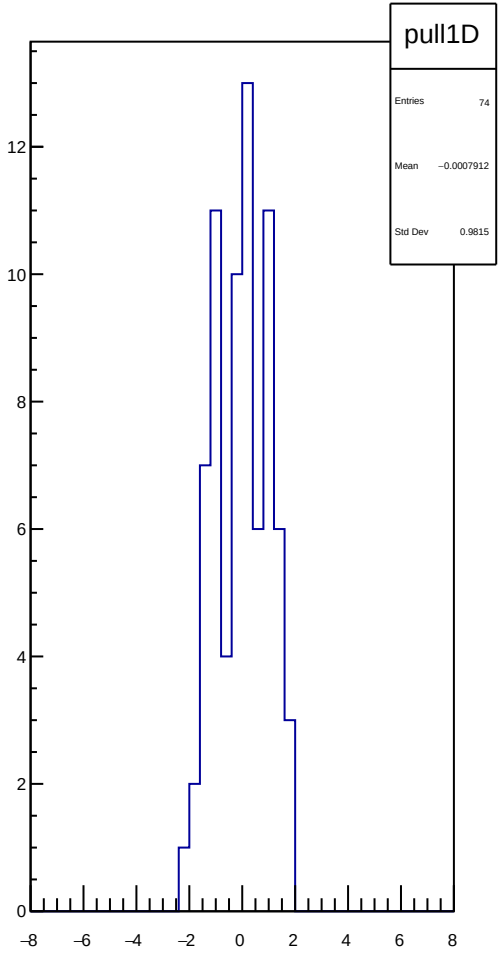

asym_sam3_rms vs run
χ² / ndf 2738 / 73
p0 3194 ± 2.667
3600
3500
3400
3300
3200
3100
3000
2900
2800

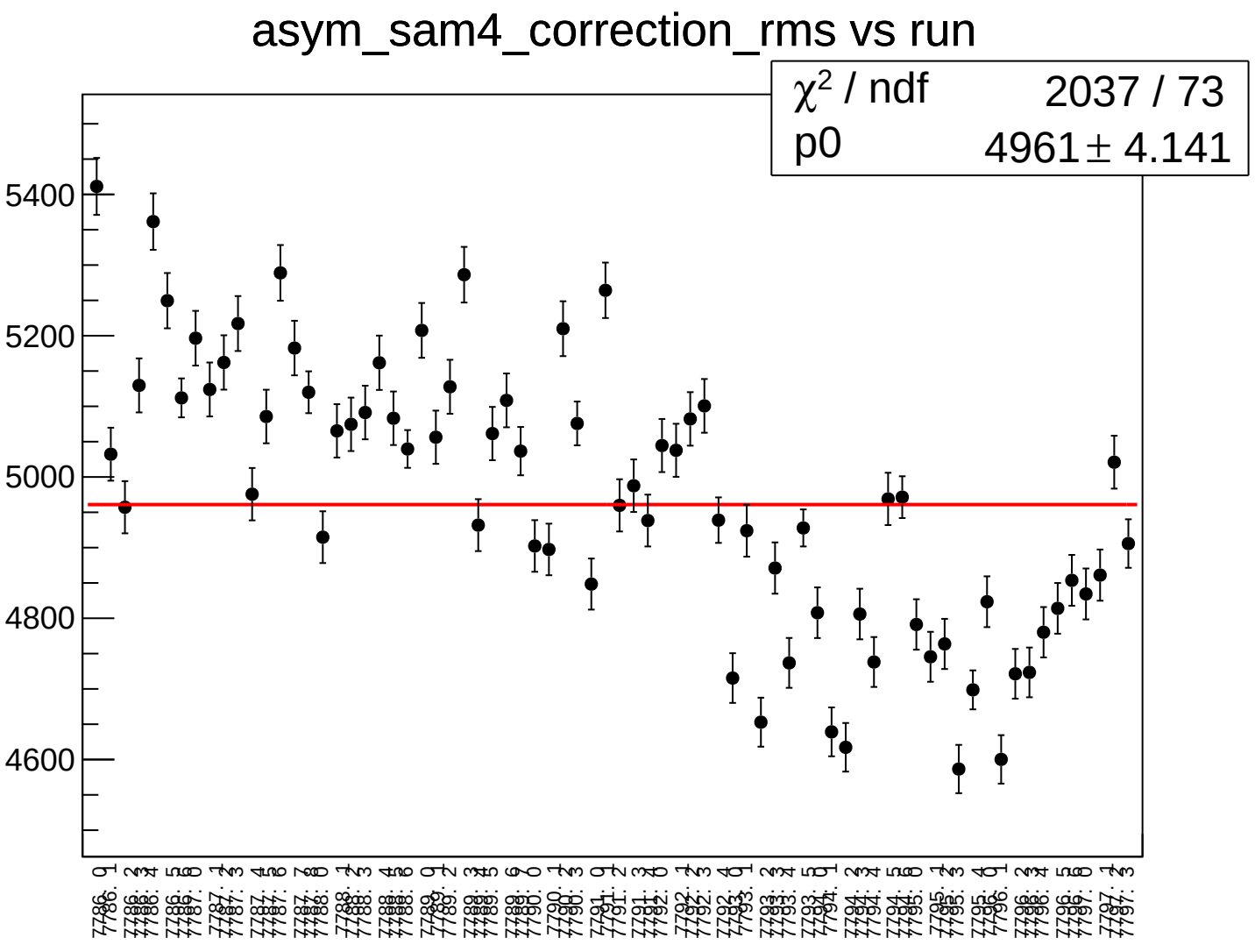

dit_asym_sam4_mean vs run
χ² / ndf 53.61 / 73
p0 −448 ± 489.9
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 74
Mean 1170
Std Dev 1168
2
1.5
1
0.5
0
−0.5
−1
−1.5

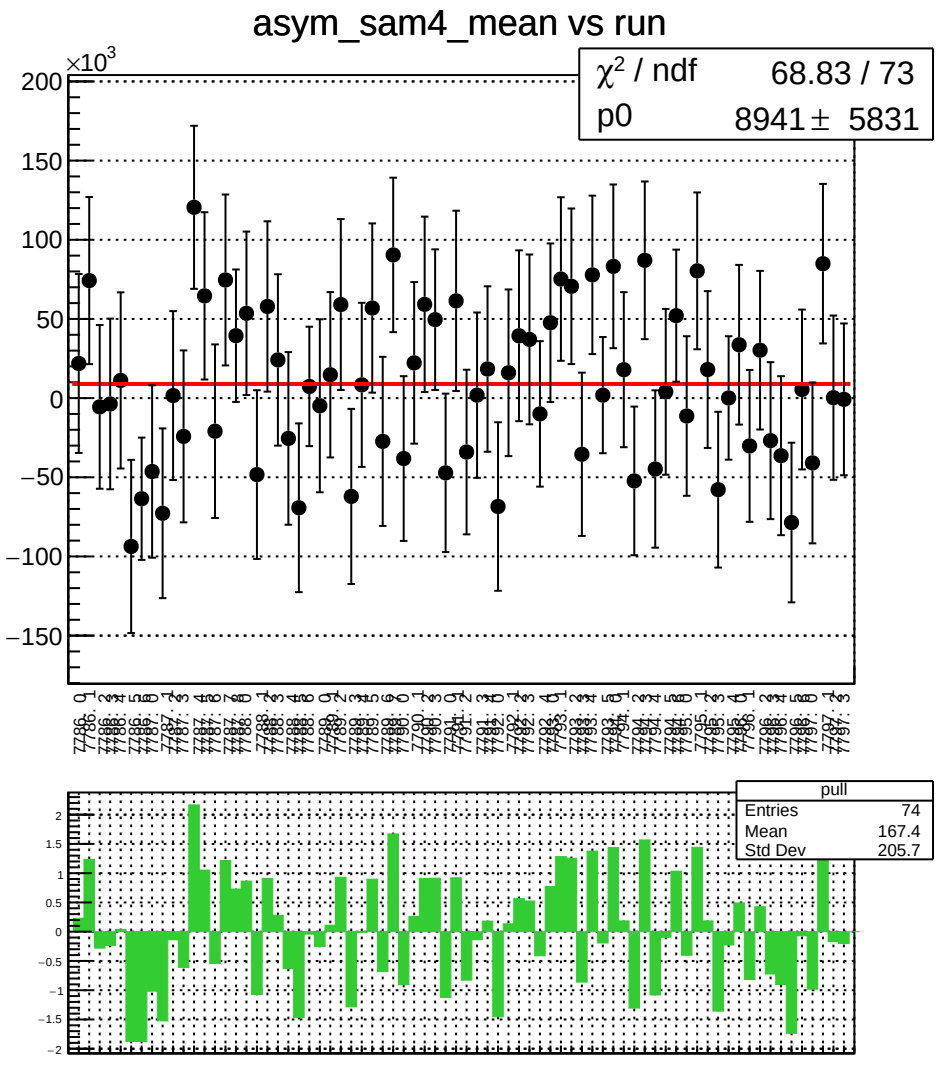

pull1D
Entries 74
Mean −0.0004155
Std Dev 0.8511
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

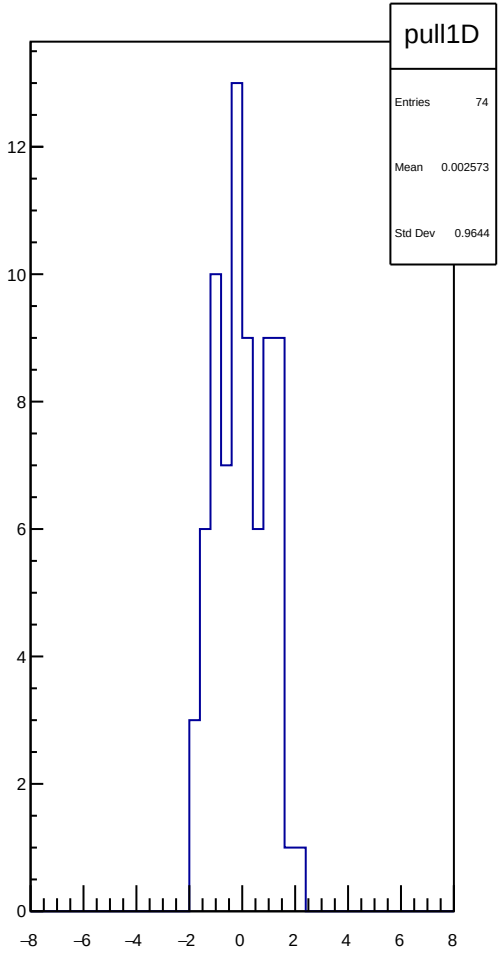

dit_asym_sam4_rms vs run
$\chi^2$ / ndf 8524 / 73
p0 414 ± 0.3464
800
750
700
650
600
550
500
450
400
350

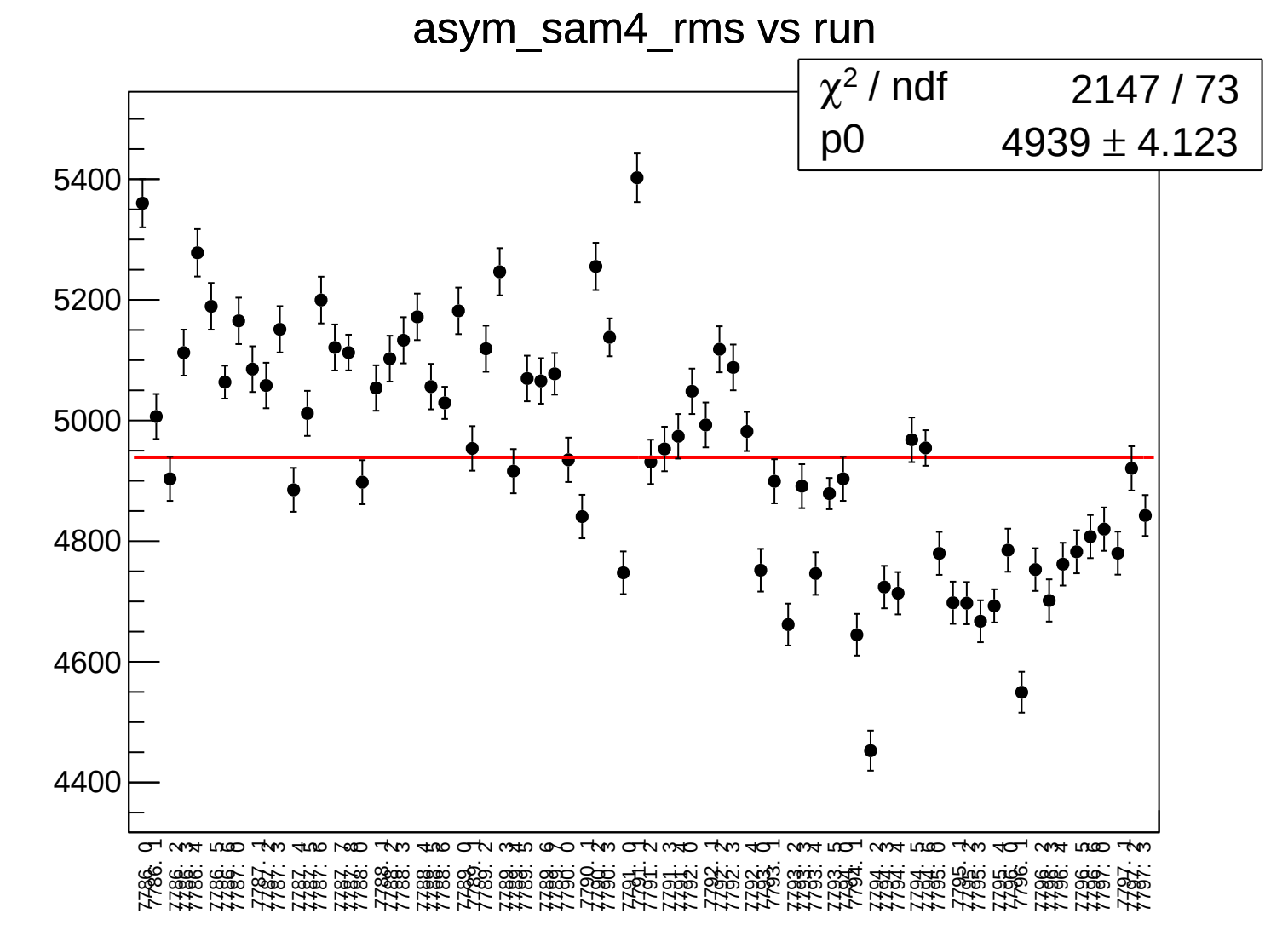

asym_sam4_correction_mean vs run
×10^3
χ² / ndf 71.28 / 73
p0 −9569 ± 5857
150
100
50
0
−50
−100
−150
−200
pull
Entries 74
Mean 499.3
Std Dev 548.9
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

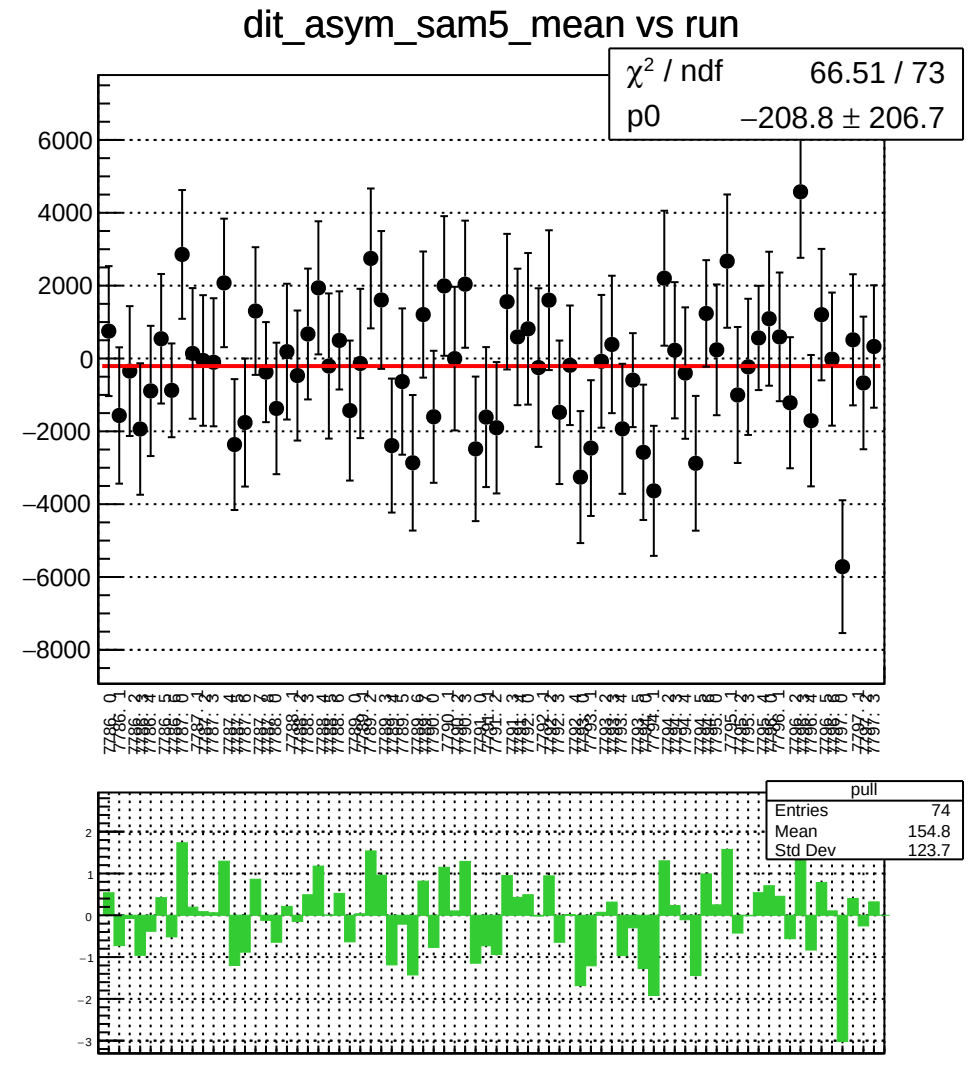

pull1D
Entries 74
Mean −0.0007912
Std Dev 0.9815
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

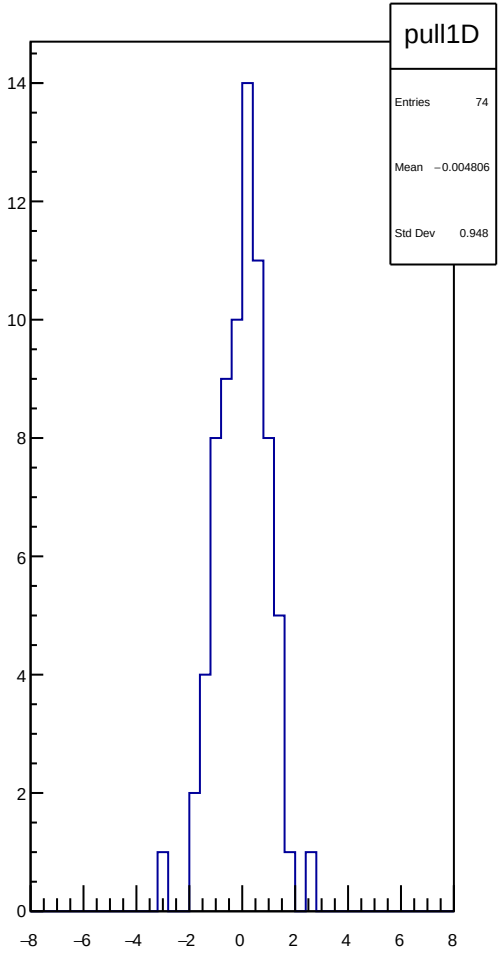

asym_sam4_correction_rms vs run
$\chi^2$ / ndf 2037 / 73
p0 4961 ± 4.141
5400
5200
5000
4800
4600

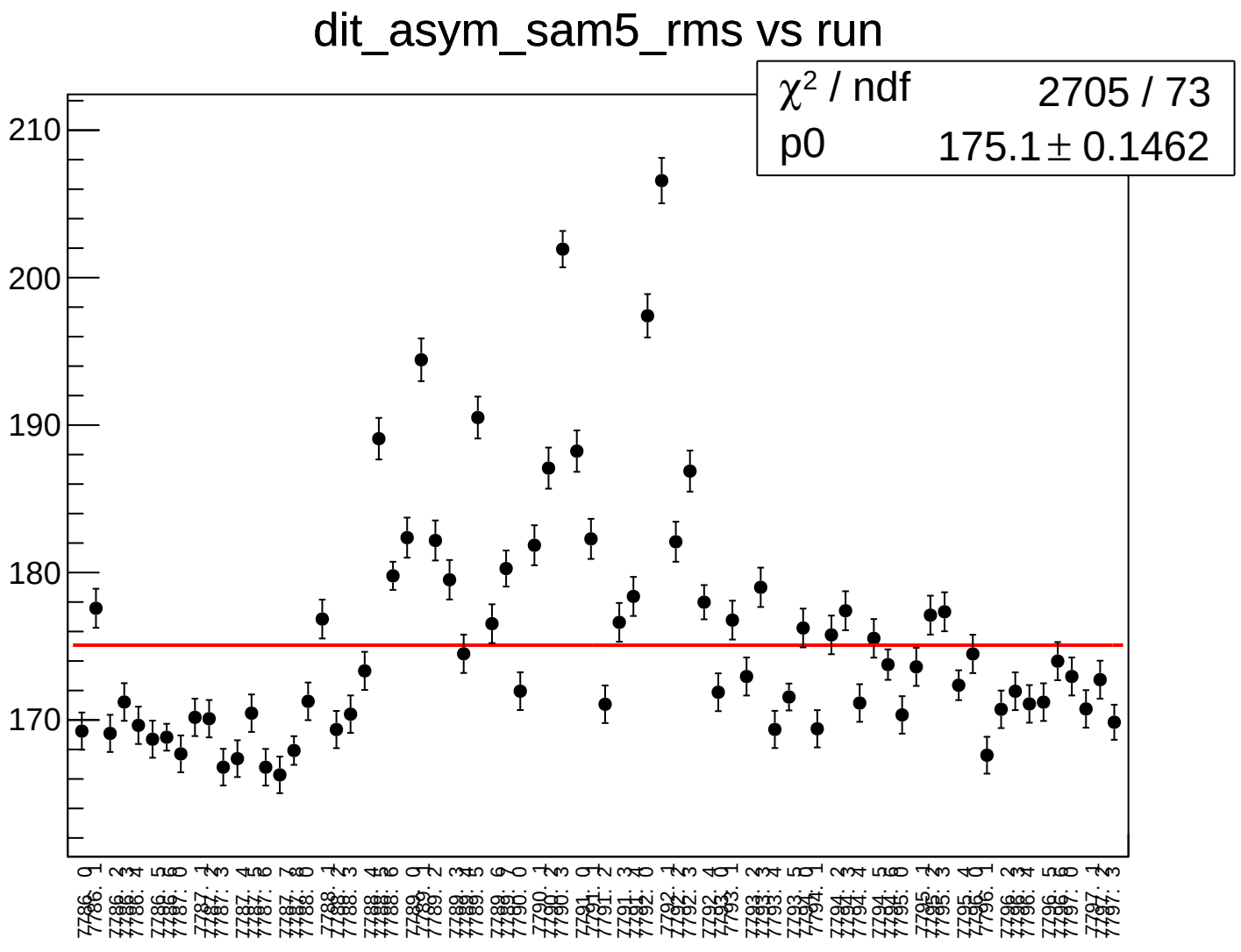

asym_sam4_mean vs run
×10^3
χ² / ndf 68.83 / 73
p0 8941 ± 5831
pull
Entries 74
Mean 167.4
Std Dev 205.7

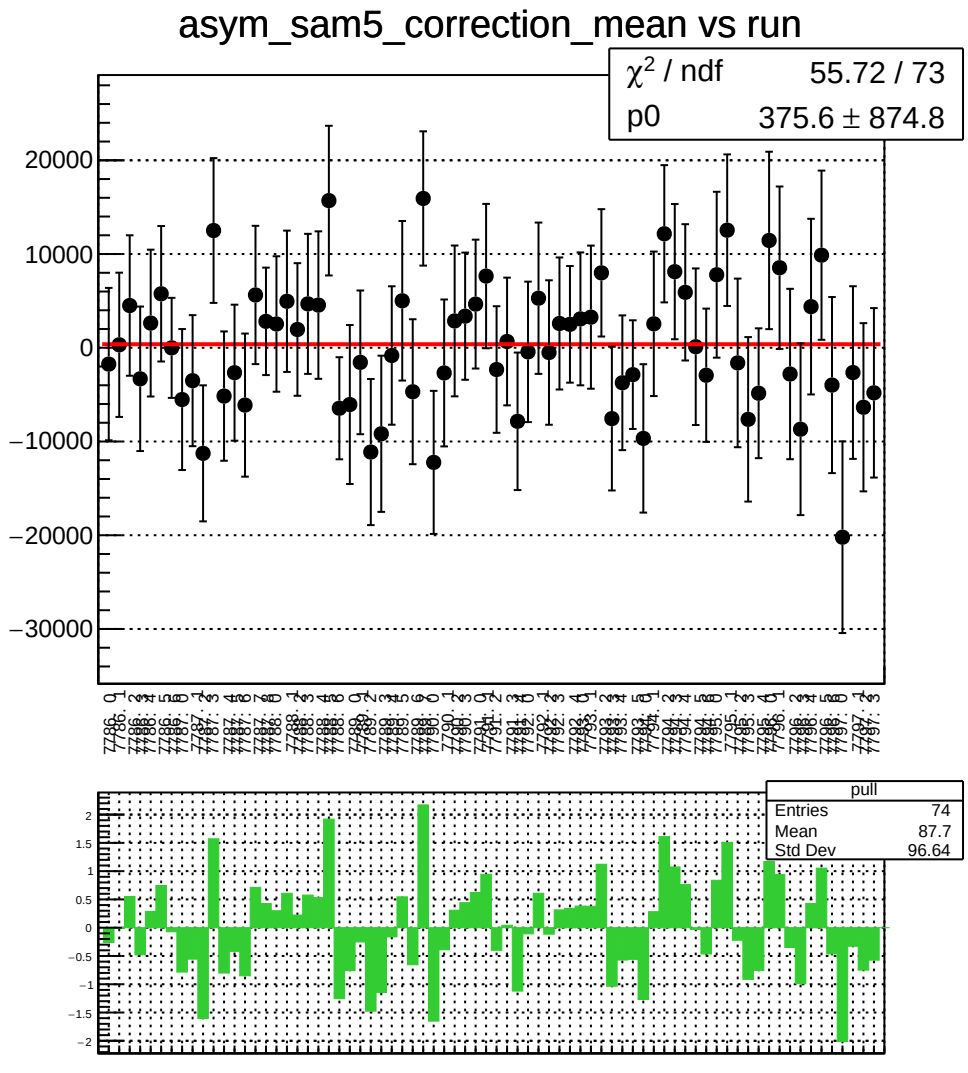

pull1D
Entries 74
Mean 0.002573
Std Dev 0.9644

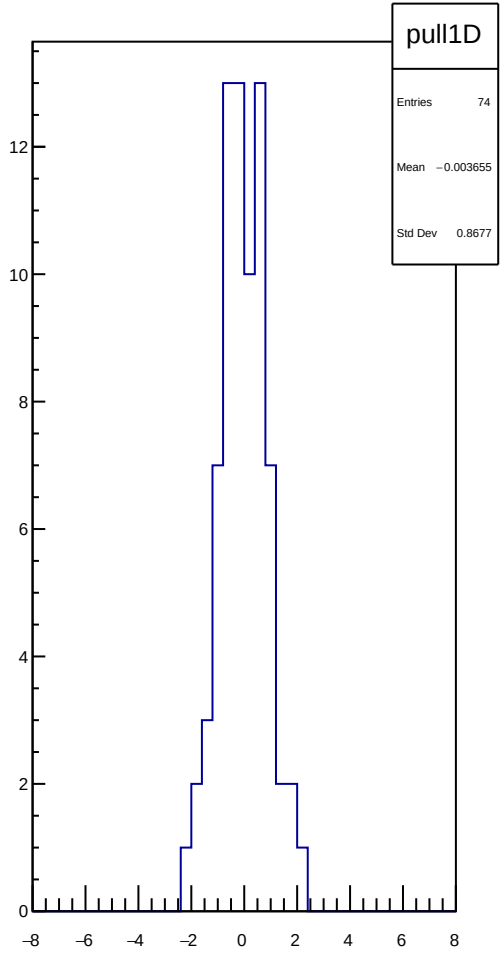

asym_sam4_rms vs run
$\chi^2$ / ndf 2147 / 73
p0 4939 ± 4.123
5400
5200
5000
4800
4600
4400

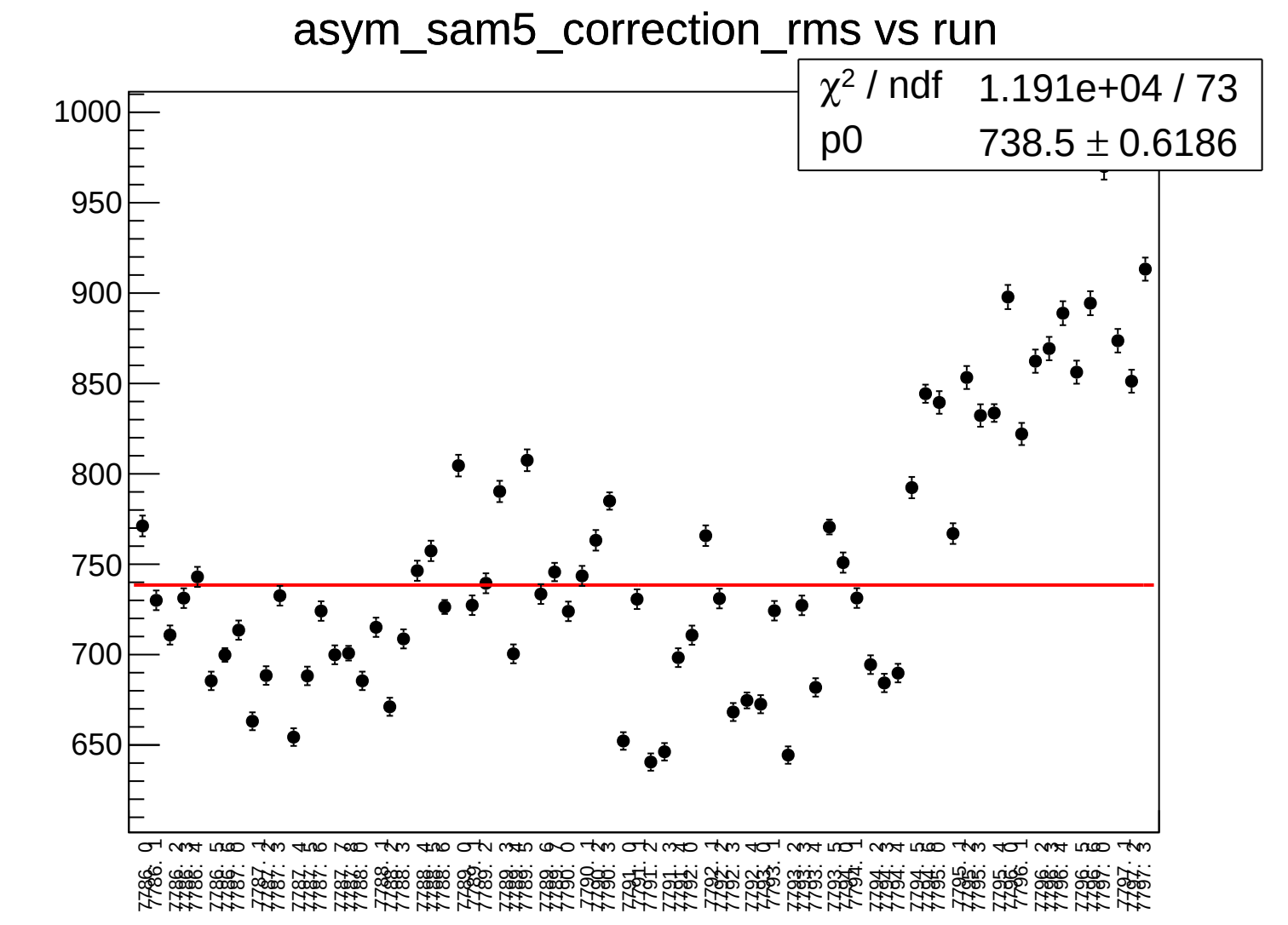

dit_asym_sam5_mean vs run
χ² / ndf 66.51 / 73
p0 −208.8 ± 206.7
pull
Entries 74
Mean 154.8
Std Dev 123.7

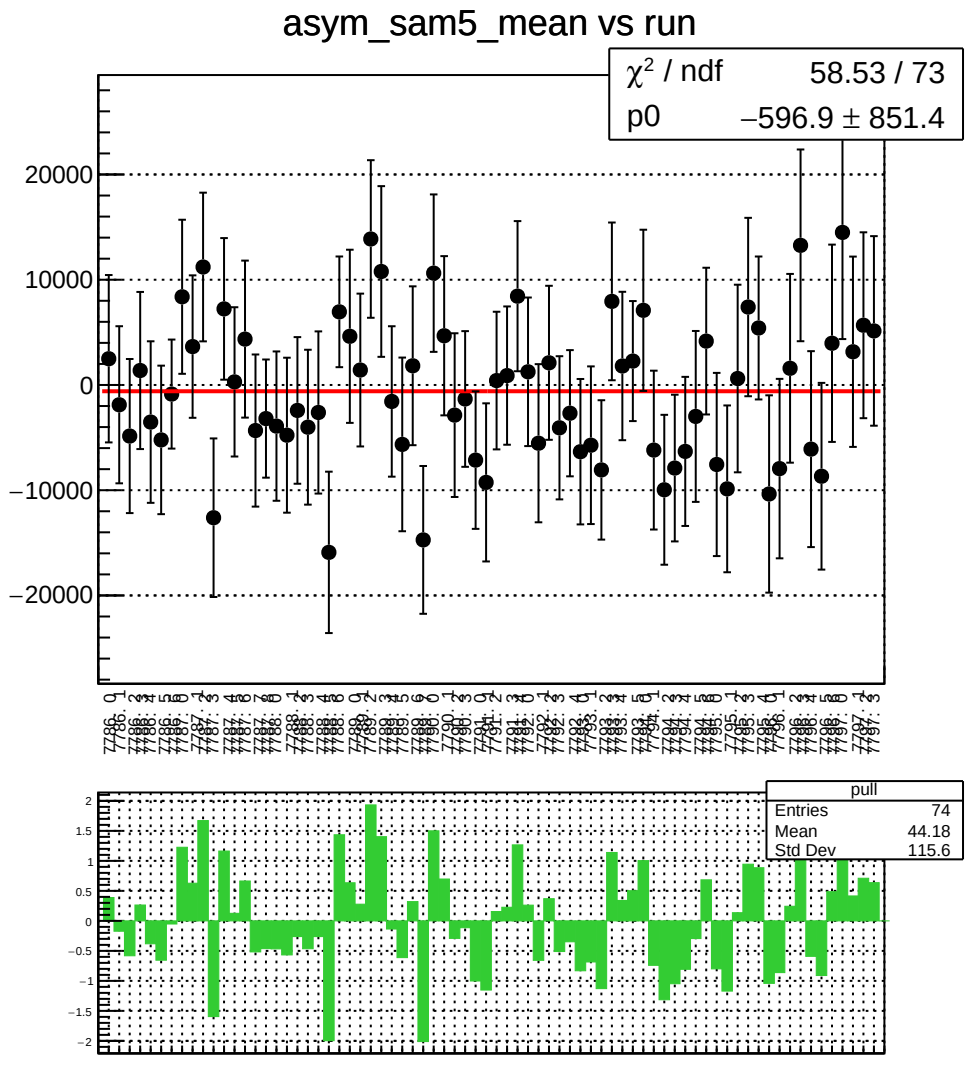

pull1D
Entries 74
Mean −0.004806
Std Dev 0.948

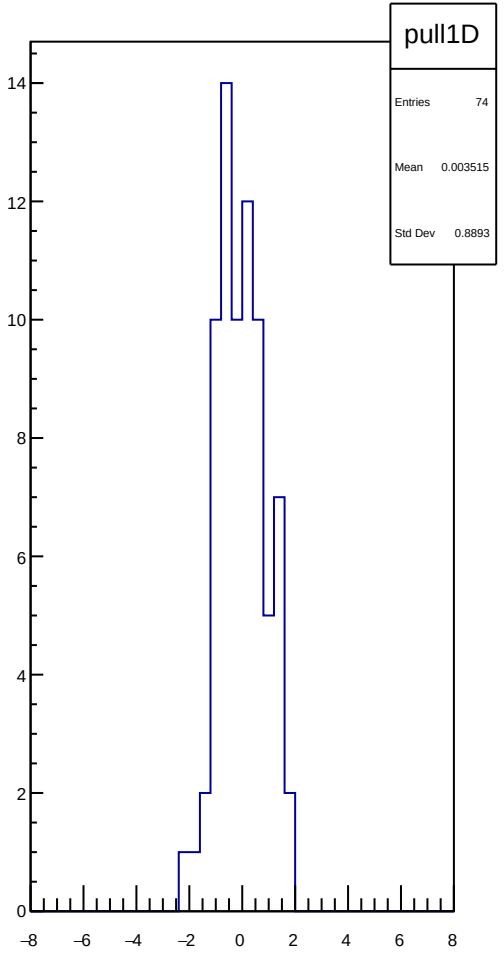

dit_asym_sam5_rms vs run
χ² / ndf 2705 / 73
p0 175.1 ± 0.1462
210
200
190
180
170

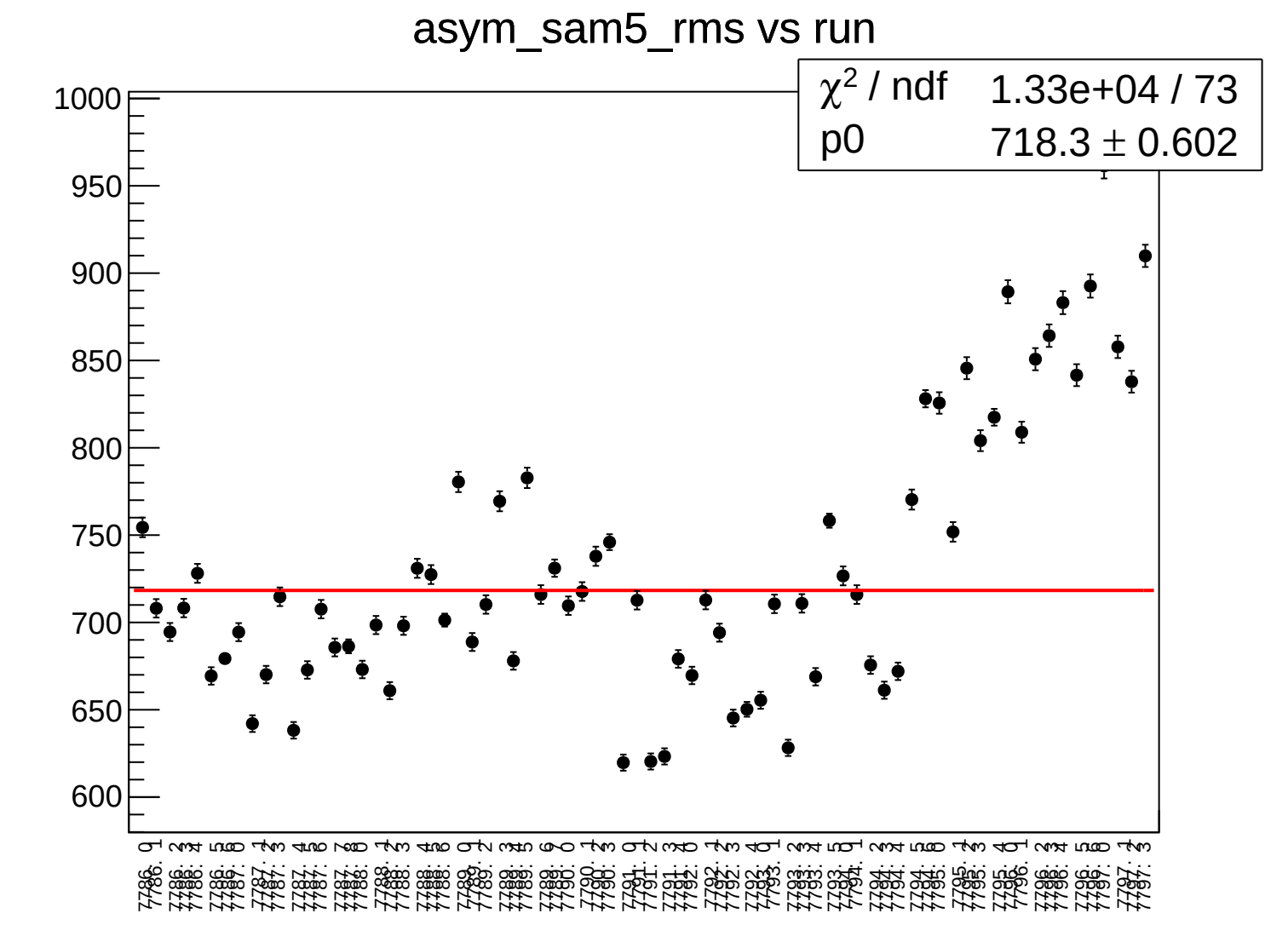

asym_sam5_correction_mean vs run
χ² / ndf 55.72 / 73
p0 375.6 ± 874.8
20000
10000
0
−10000
−20000
−30000
pull
Entries 74
Mean 87.7
Std Dev 96.64
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

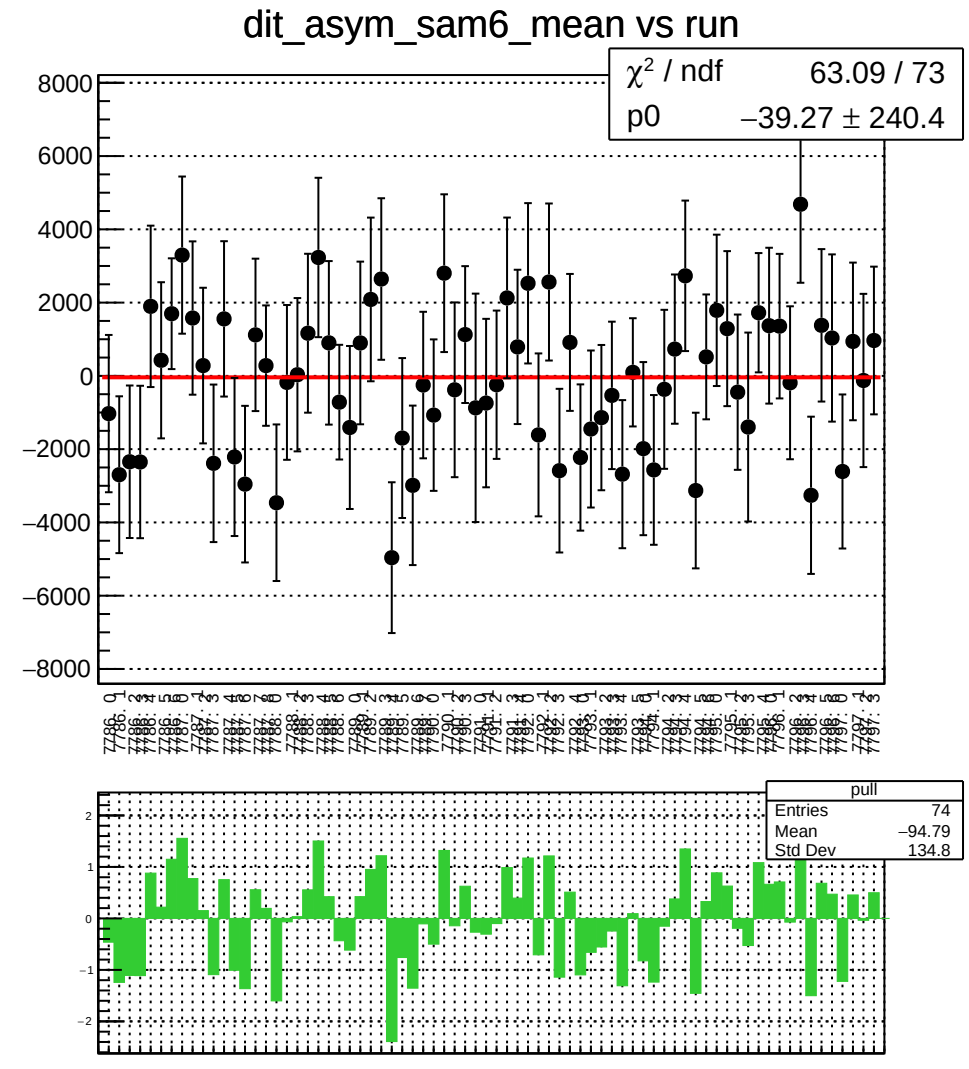

pull1D
Entries 74
Mean −0.003655
Std Dev 0.8677
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

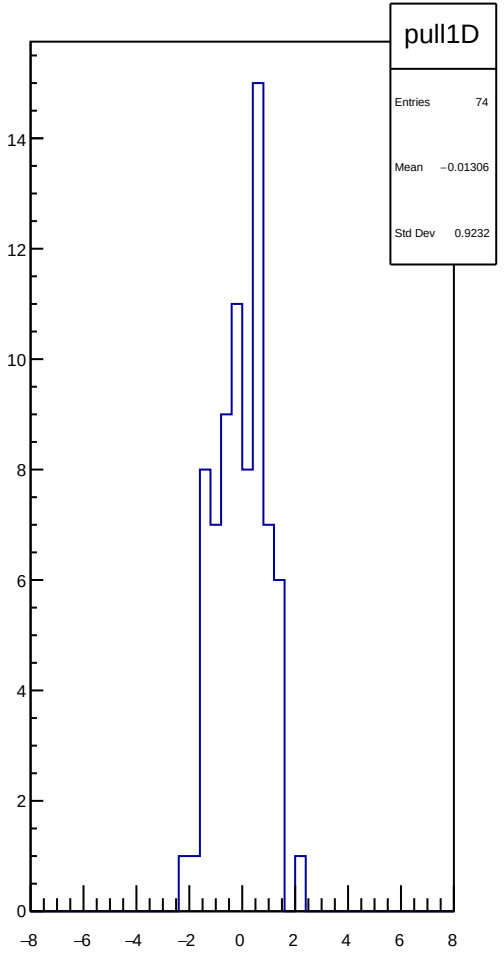

asym_sam5_correction_rms vs run
χ² / ndf 1.191e+04 / 73
p0 738.5 ± 0.6186
1000
950
900
850
800
750
700
650

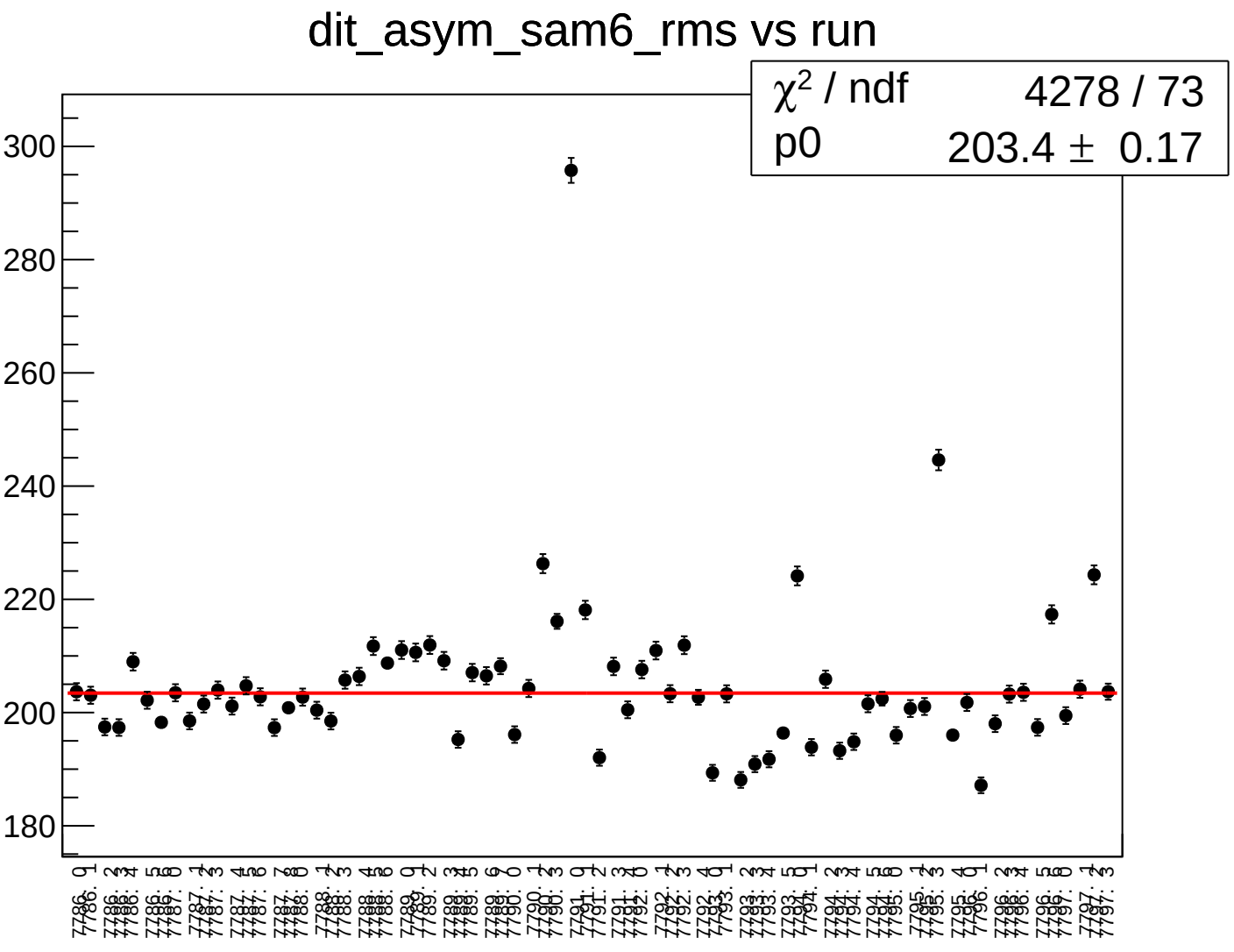

asym_sam5_mean vs run
χ² / ndf 58.53 / 73
p0 −596.9 ± 851.4
20000
10000
0
−10000
−20000
pull
Entries 74
Mean 44.18
Std Dev 115.6
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

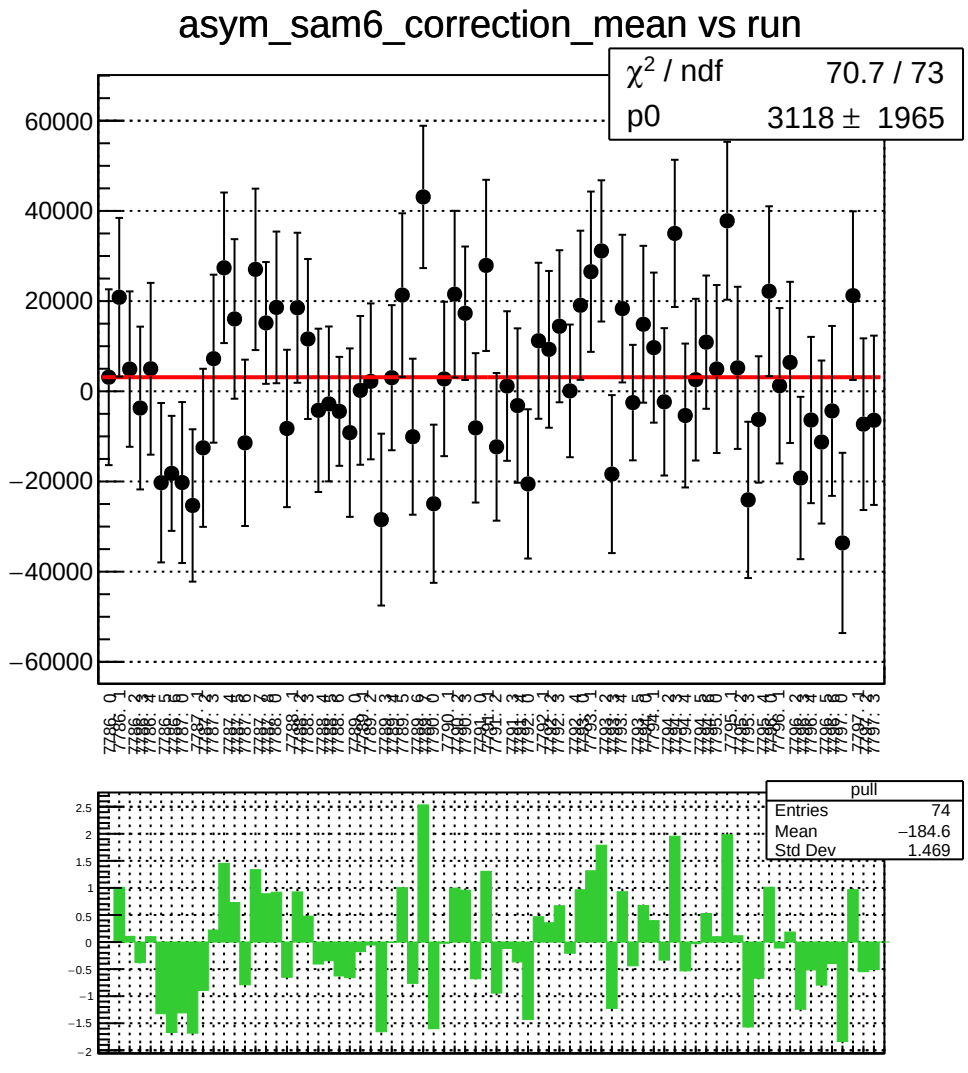

pull1D
Entries 74
Mean 0.003515
Std Dev 0.8893
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

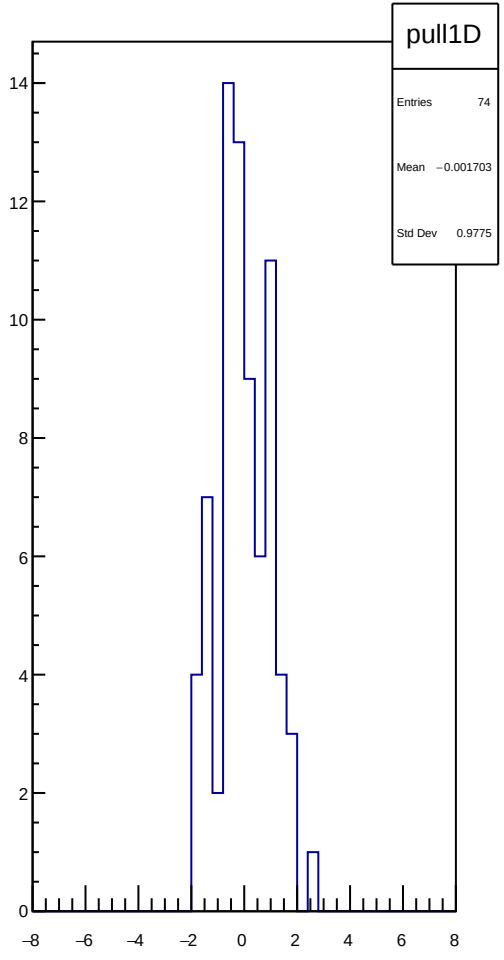

asym_sam5_rms vs run
$\chi^2$ / ndf 1.33e+04 / 73
p0 718.3 ± 0.602
1000
950
900
850
800
750
700
650
600

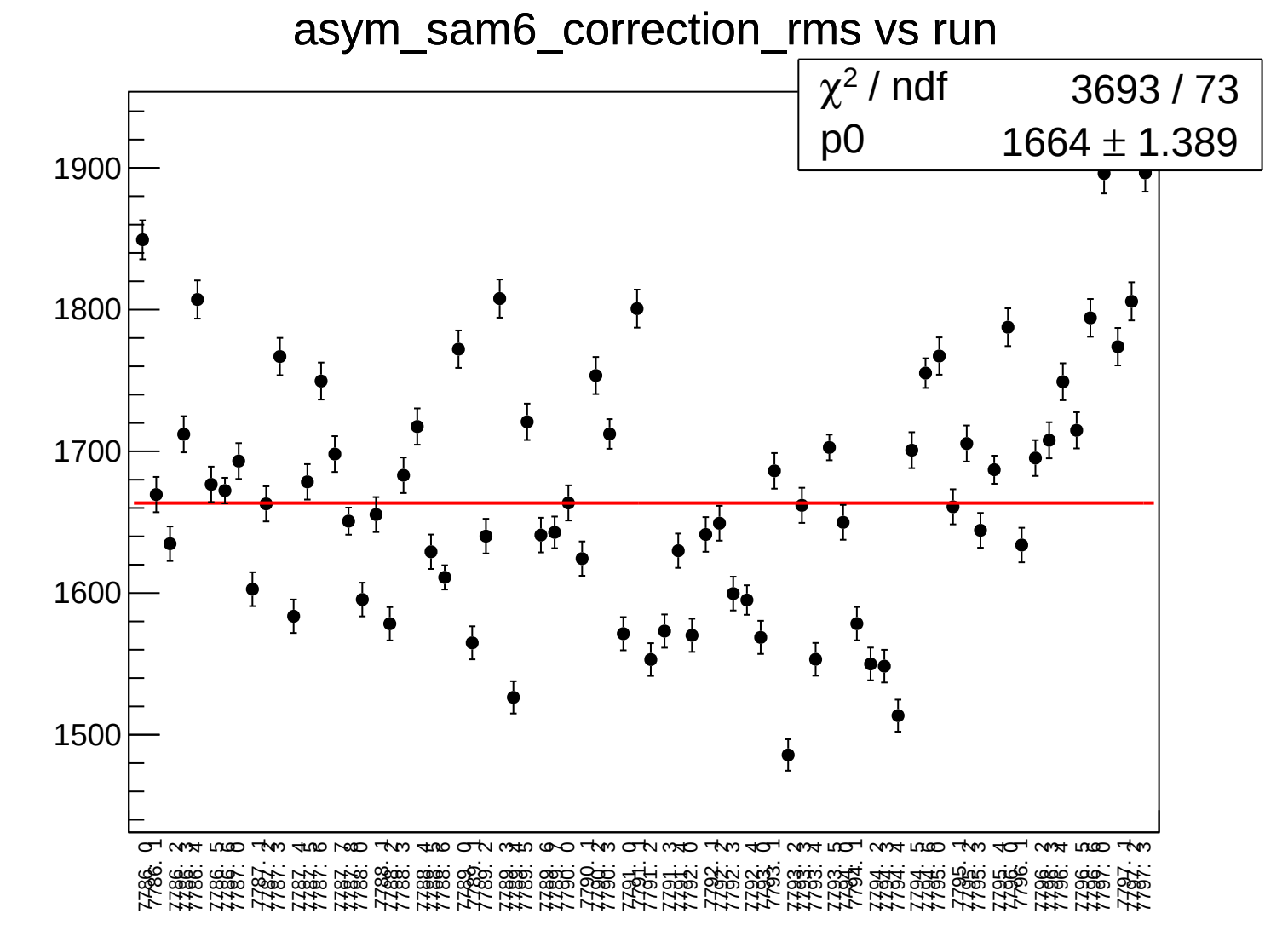

dit_asym_sam6_mean vs run
χ² / ndf 63.09 / 73
p0 −39.27 ± 240.4
pull
Entries 74
Mean −94.79
Std Dev 134.8

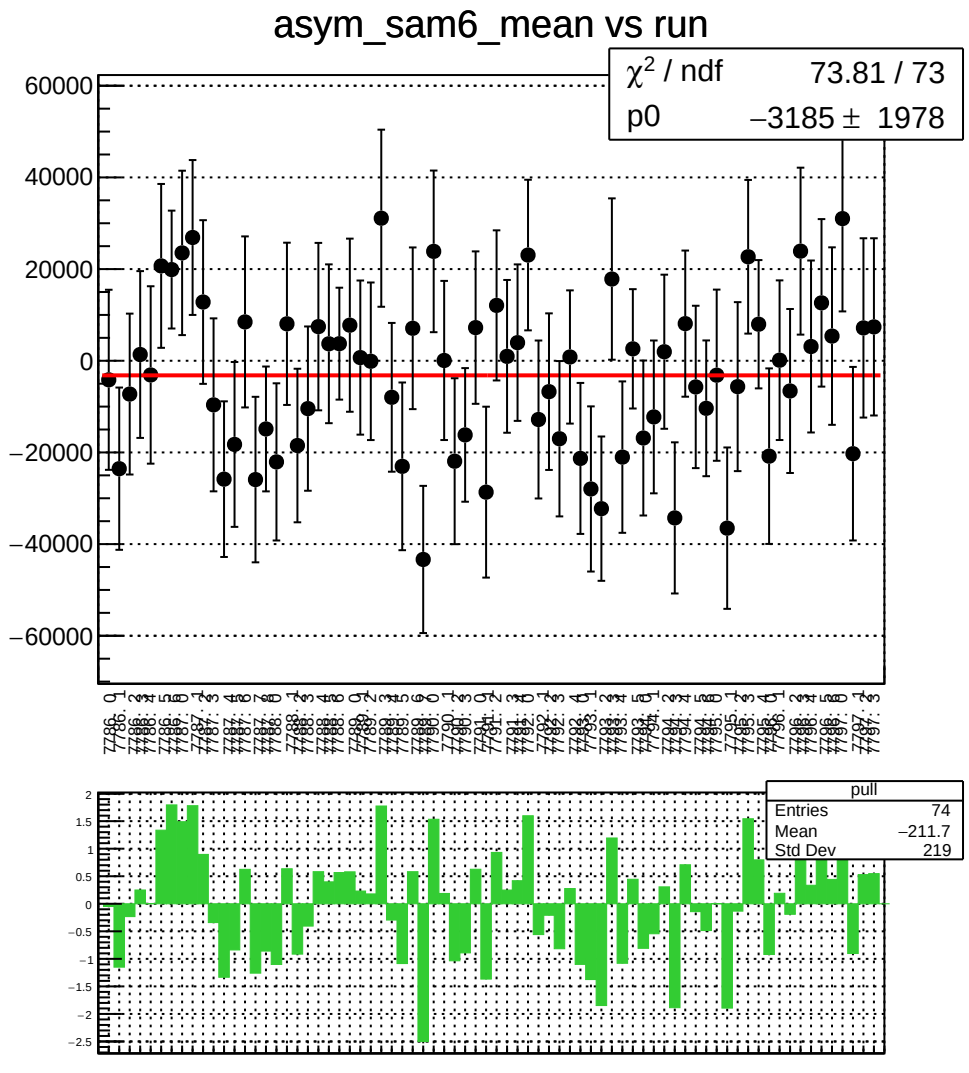

pull1D
Entries 74
Mean −0.01306
Std Dev 0.9232

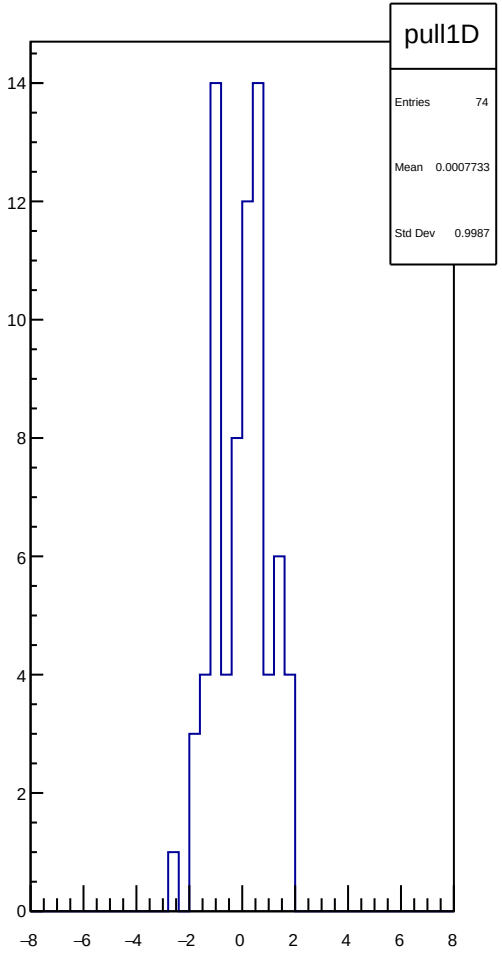

dit_asym_sam6_rms vs run
χ² / ndf 4278 / 73
p0 203.4 ± 0.17
300
280
260
240
220
200
180

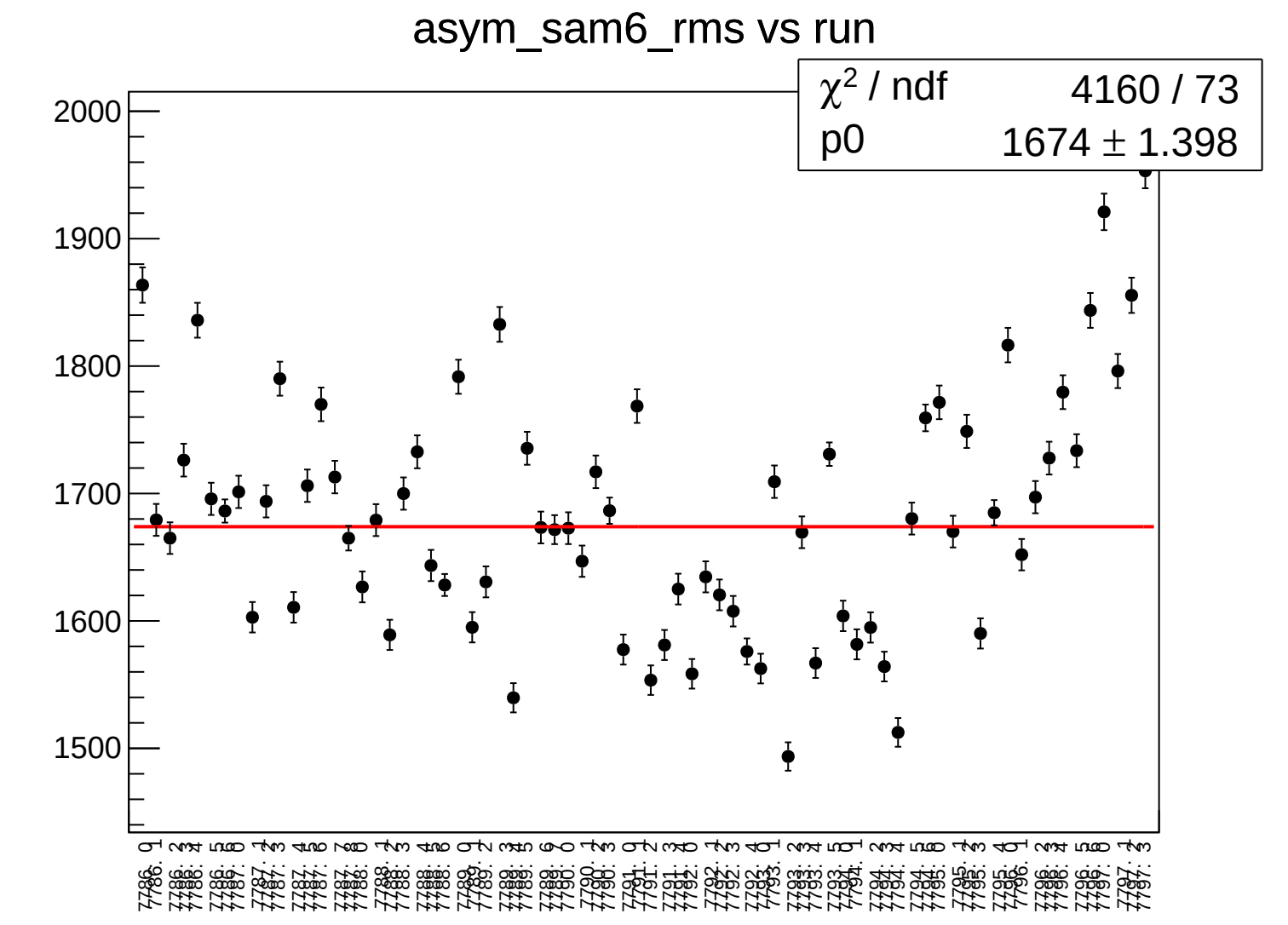

asym_sam6_correction_mean vs run
χ² / ndf 70.7 / 73
p0 3118 ± 1965
pull
Entries 74
Mean −184.6
Std Dev 1.469

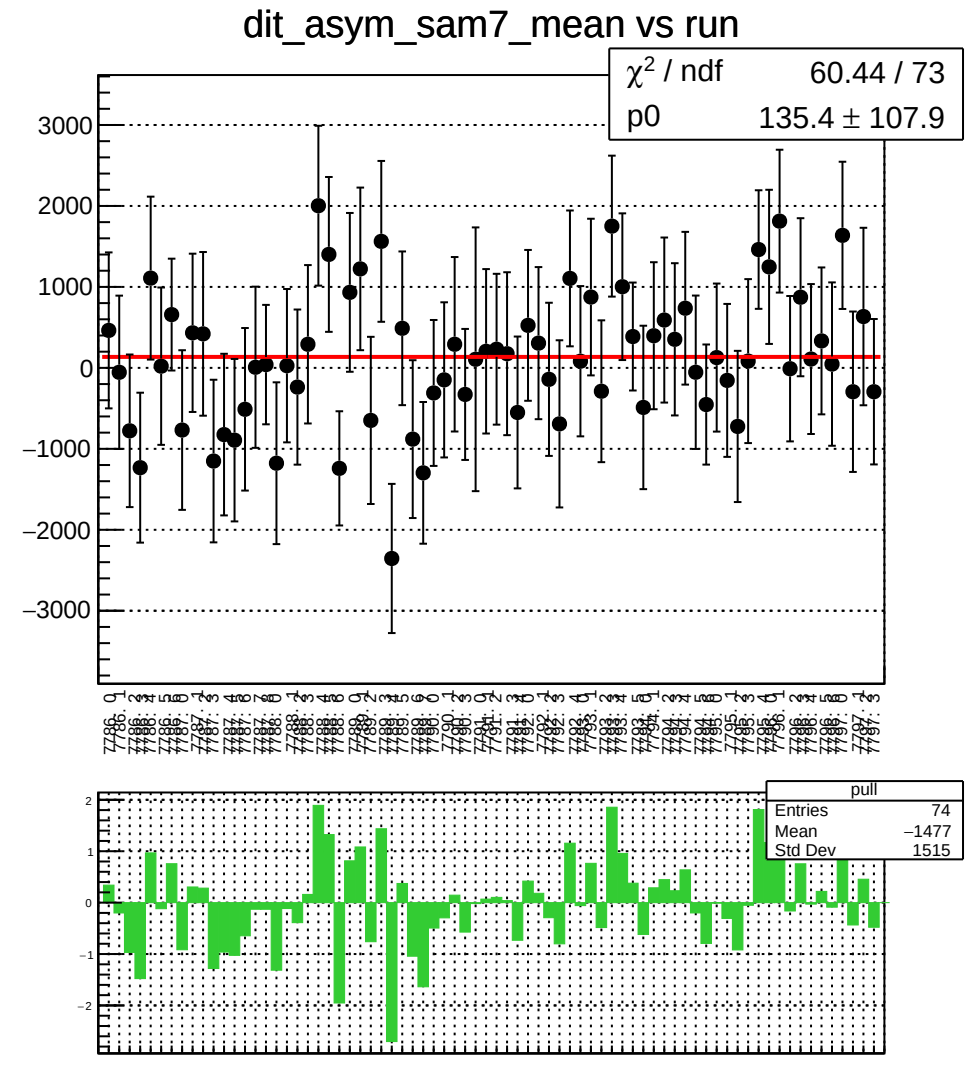

pull1D
Entries 74
Mean −0.001703
Std Dev 0.9775

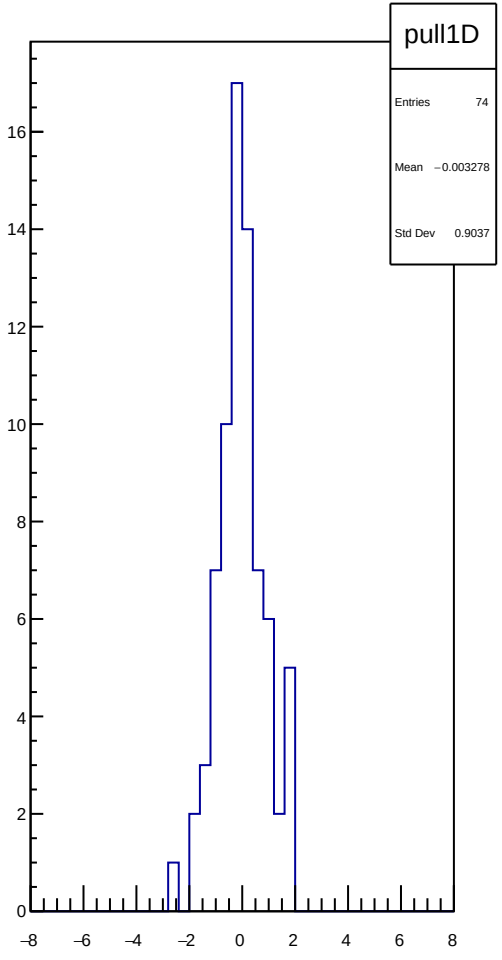

asym_sam6_correction_rms vs run
χ² / ndf 3693 / 73
p0 1664 ± 1.389
1900
1800
1700
1600
1500

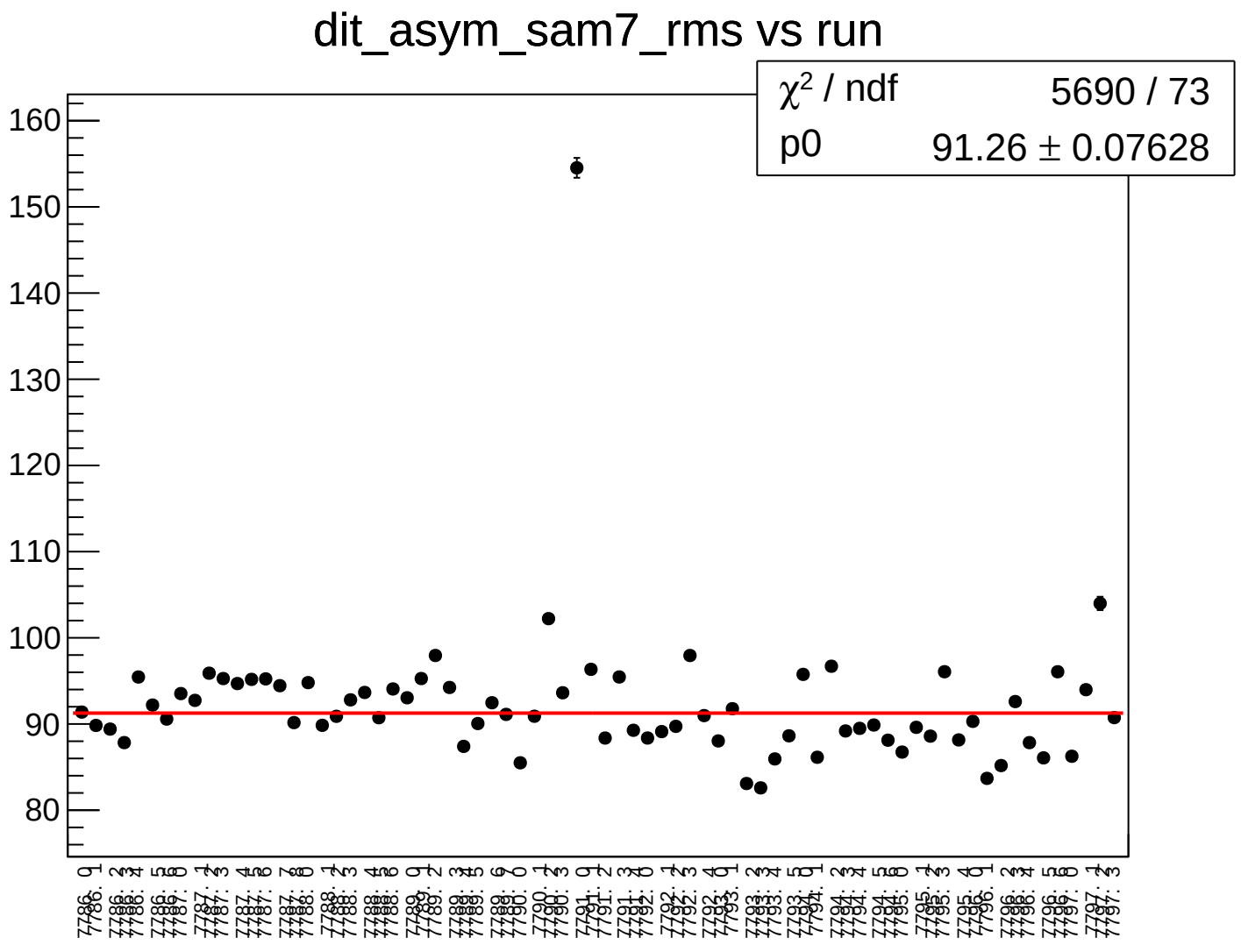

asym_sam6_mean vs run
χ² / ndf 73.81 / 73
p0 −3185 ± 1978
pull
Entries 74
Mean −211.7
Std Dev 219

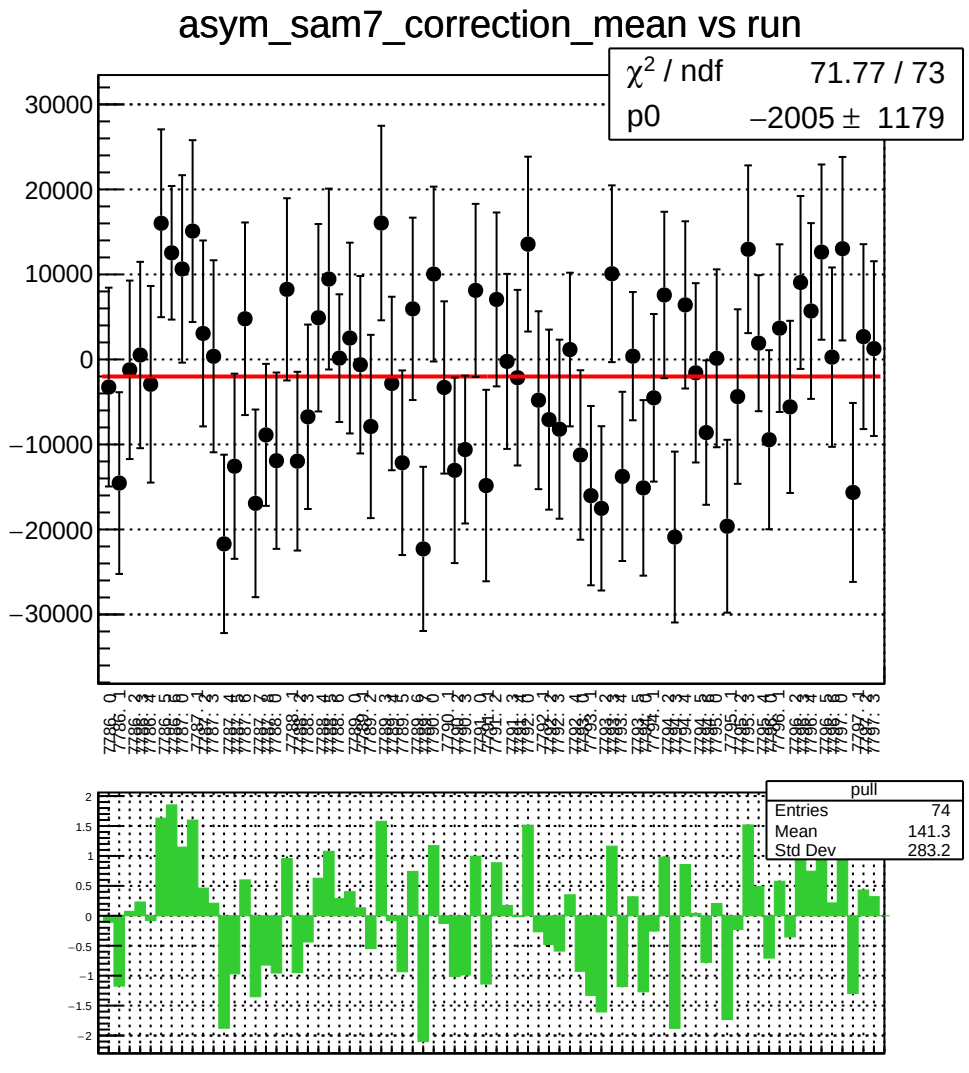

pull1D
Entries 74
Mean 0.0007733
Std Dev 0.9987

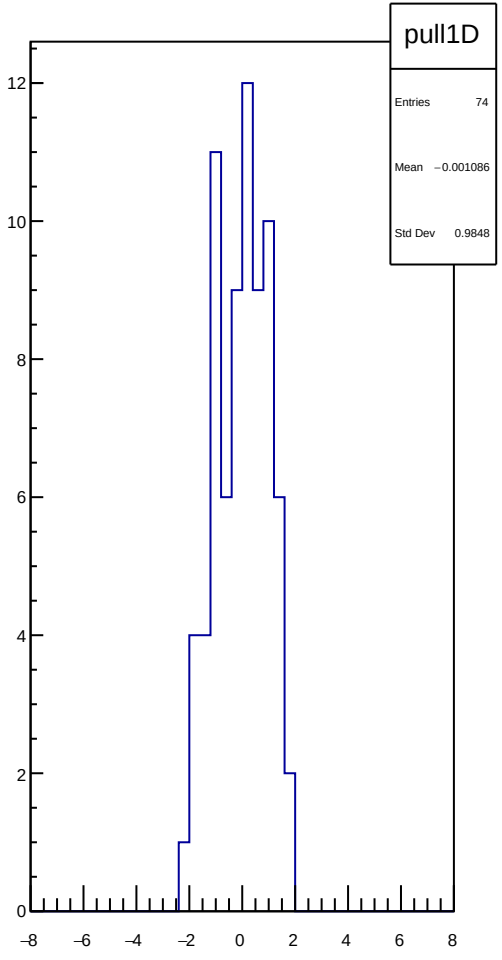

asym_sam6_rms vs run
χ² / ndf 4160 / 73
p0 1674 ± 1.398
2000
1900
1800
1700
1600
1500

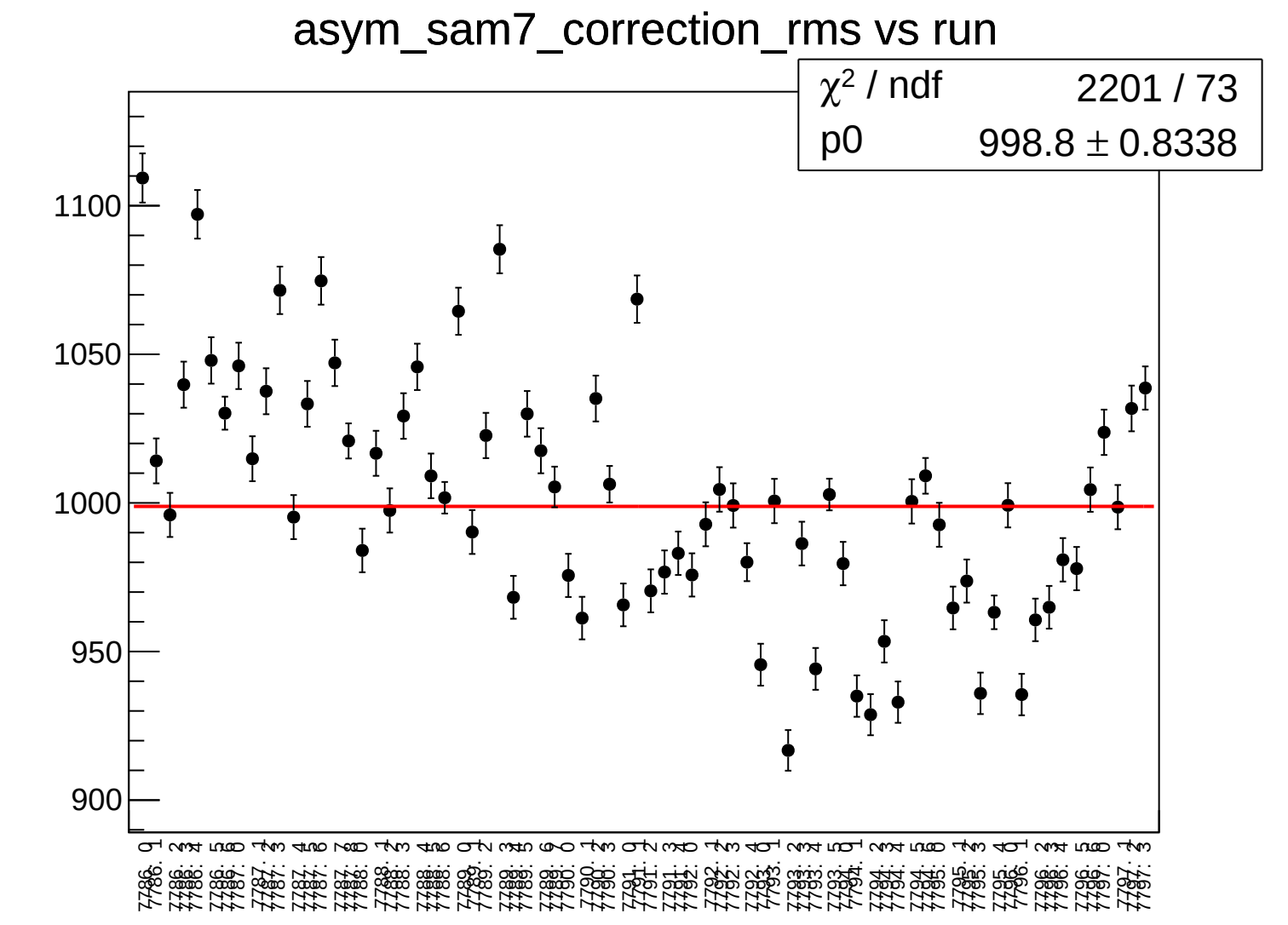

dit_asym_sam7_mean vs run
$\chi^2$ / ndf 60.44 / 73
p0 135.4 ± 107.9
pull
Entries 74
Mean −1477
Std Dev 1515

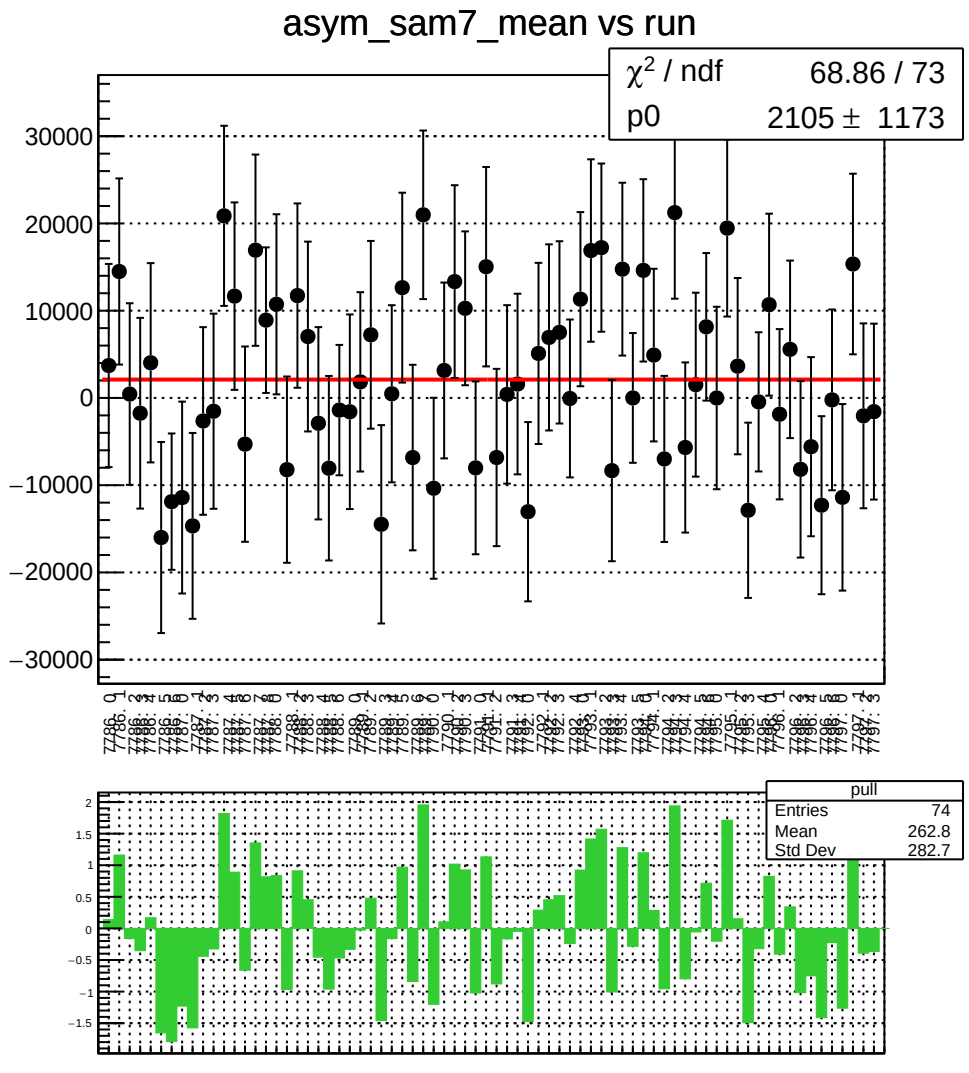

pull1D
Entries 74
Mean −0.003278
Std Dev 0.9037

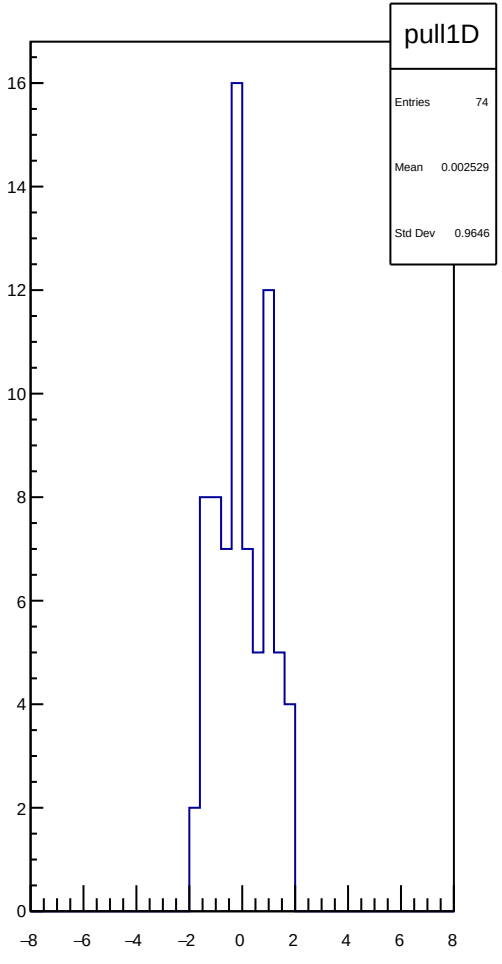

dit_asym_sam7_rms vs run
$\chi^2$ / ndf 5690 / 73
p0 91.26 ± 0.07628
160
150
140
130
120
110
100
90
80

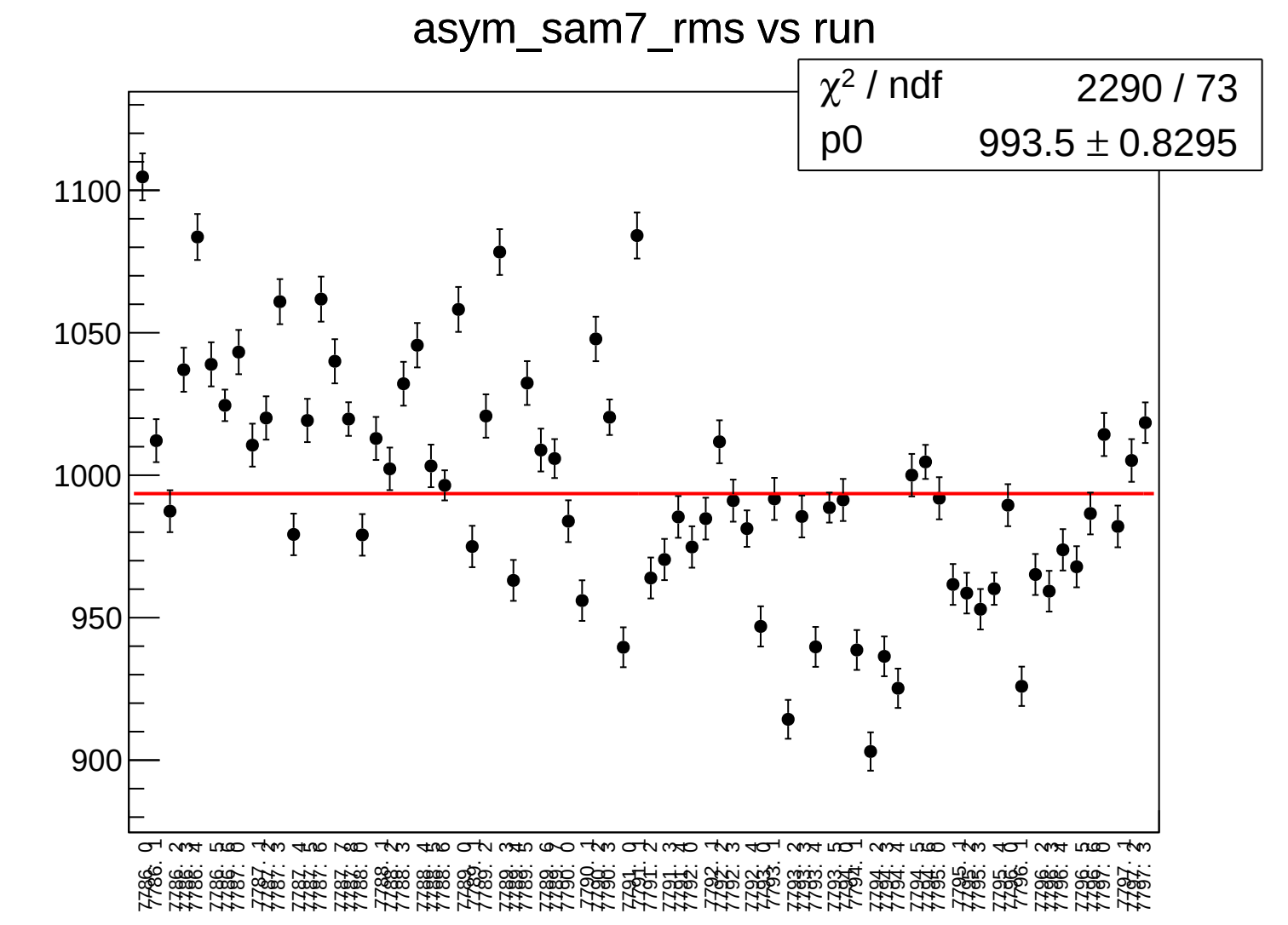

asym_sam7_correction_mean vs run
χ² / ndf 71.77 / 73
p0 −2005 ± 1179
pull
Entries 74
Mean 141.3
Std Dev 283.2

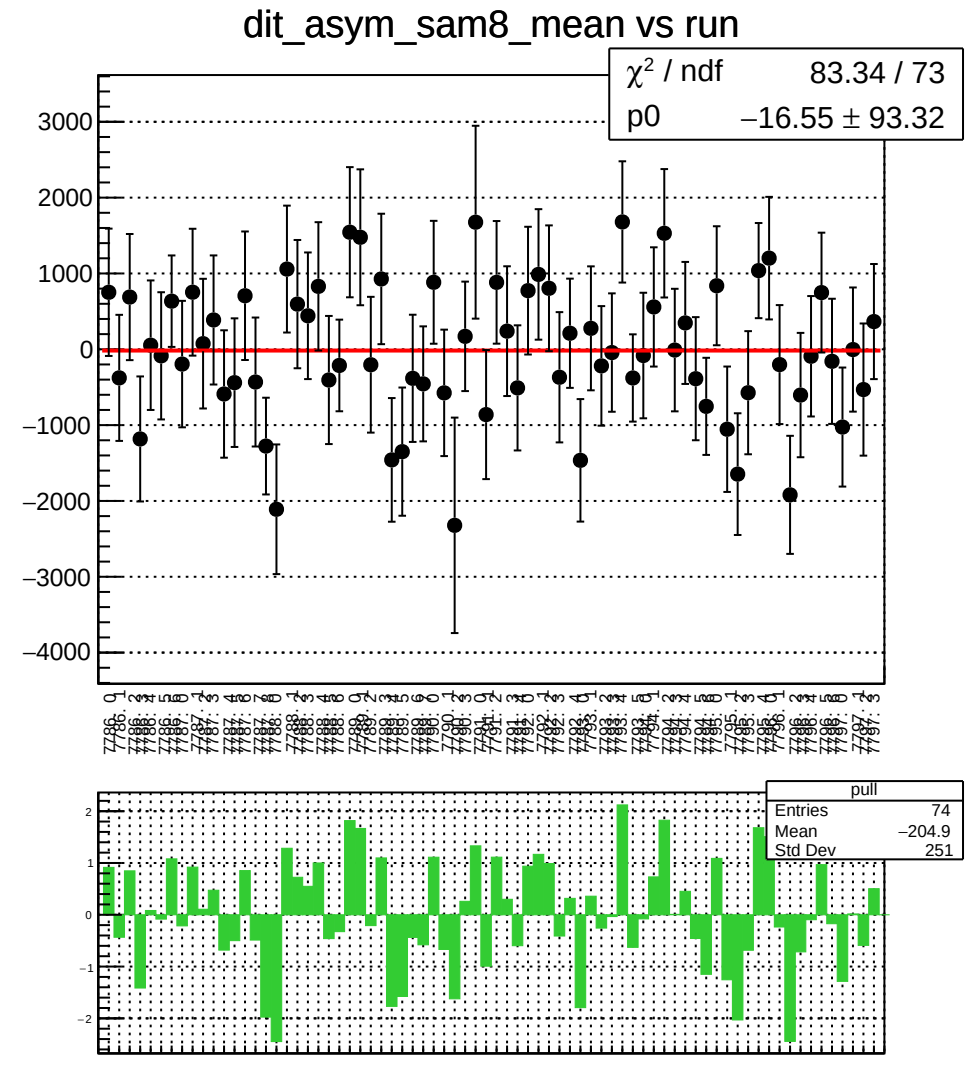

pull1D
Entries 74
Mean −0.001086
Std Dev 0.9848

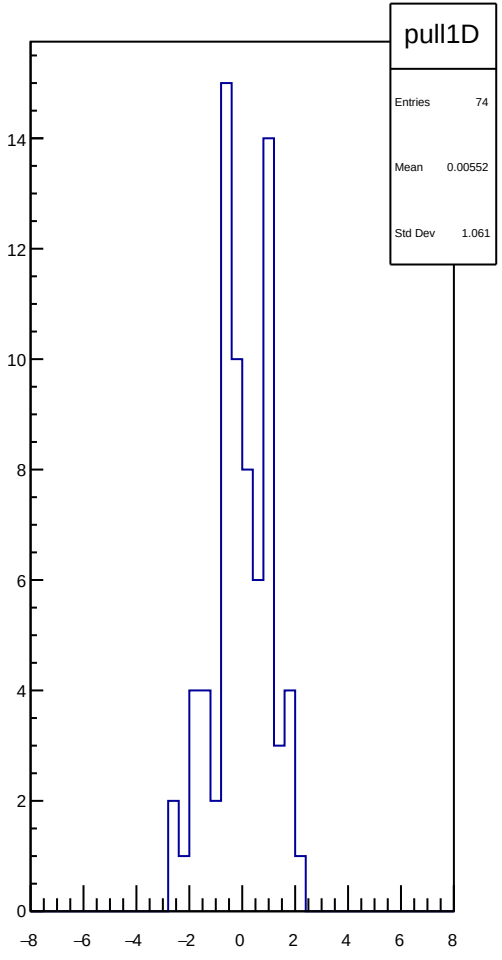

asym_sam7_correction_rms vs run
χ² / ndf 2201 / 73
p0 998.8 ± 0.8338
1100
1050
1000
950
900

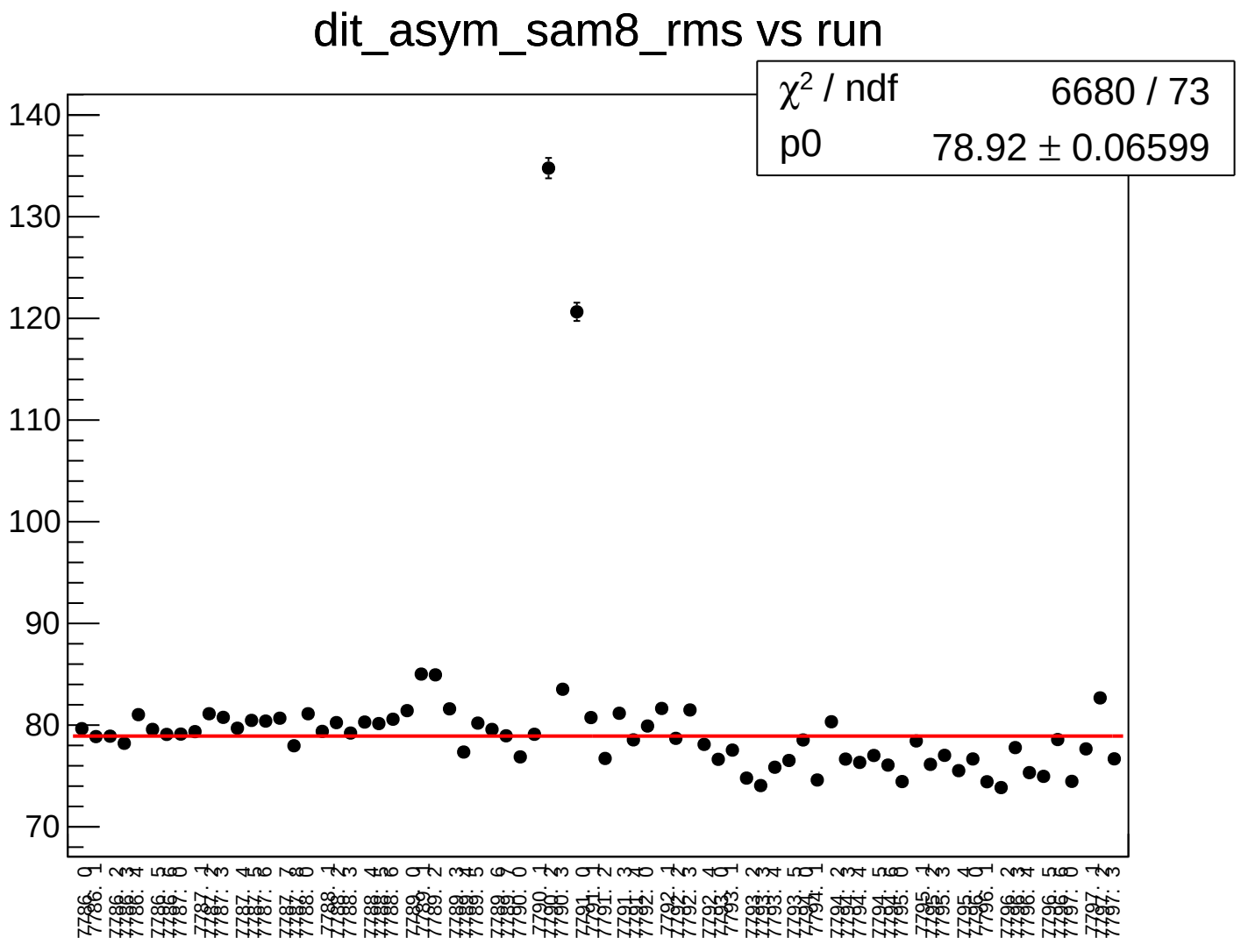

asym_sam7_mean vs run
$\chi^2$ / ndf 68.86 / 73
p0 2105 ± 1173
pull
Entries 74
Mean 262.8
Std Dev 282.7

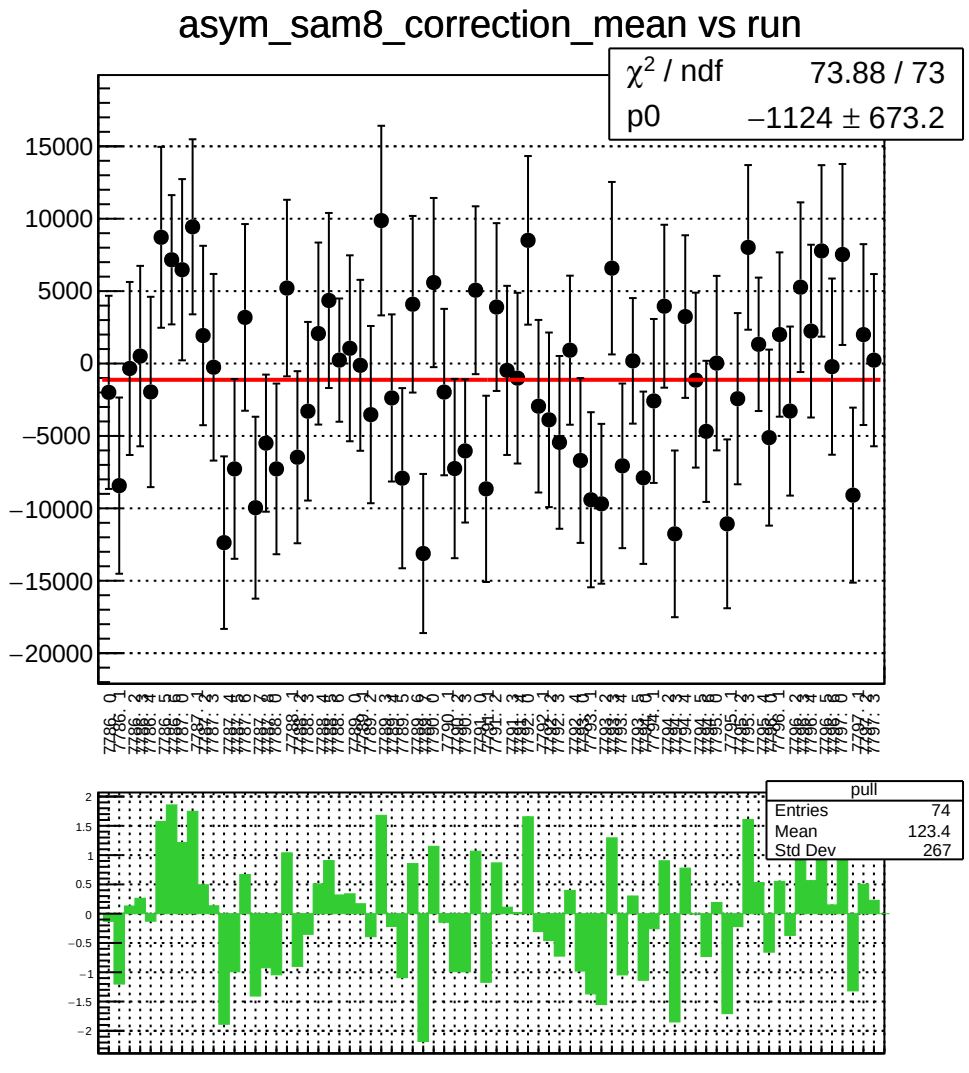

pull1D
Entries 74
Mean 0.002529
Std Dev 0.9646

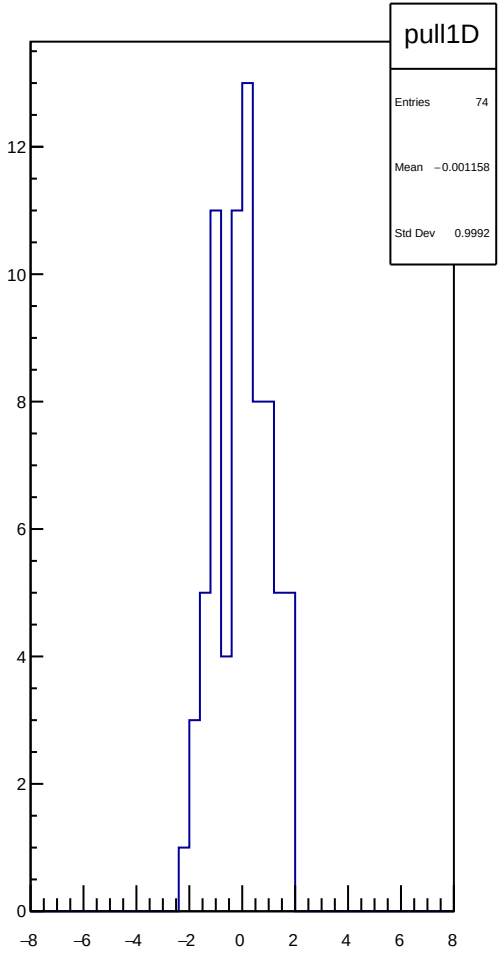

asym_sam7_rms vs run
χ² / ndf 2290 / 73
p0 993.5 ± 0.8295
1100
1050
1000
950
900

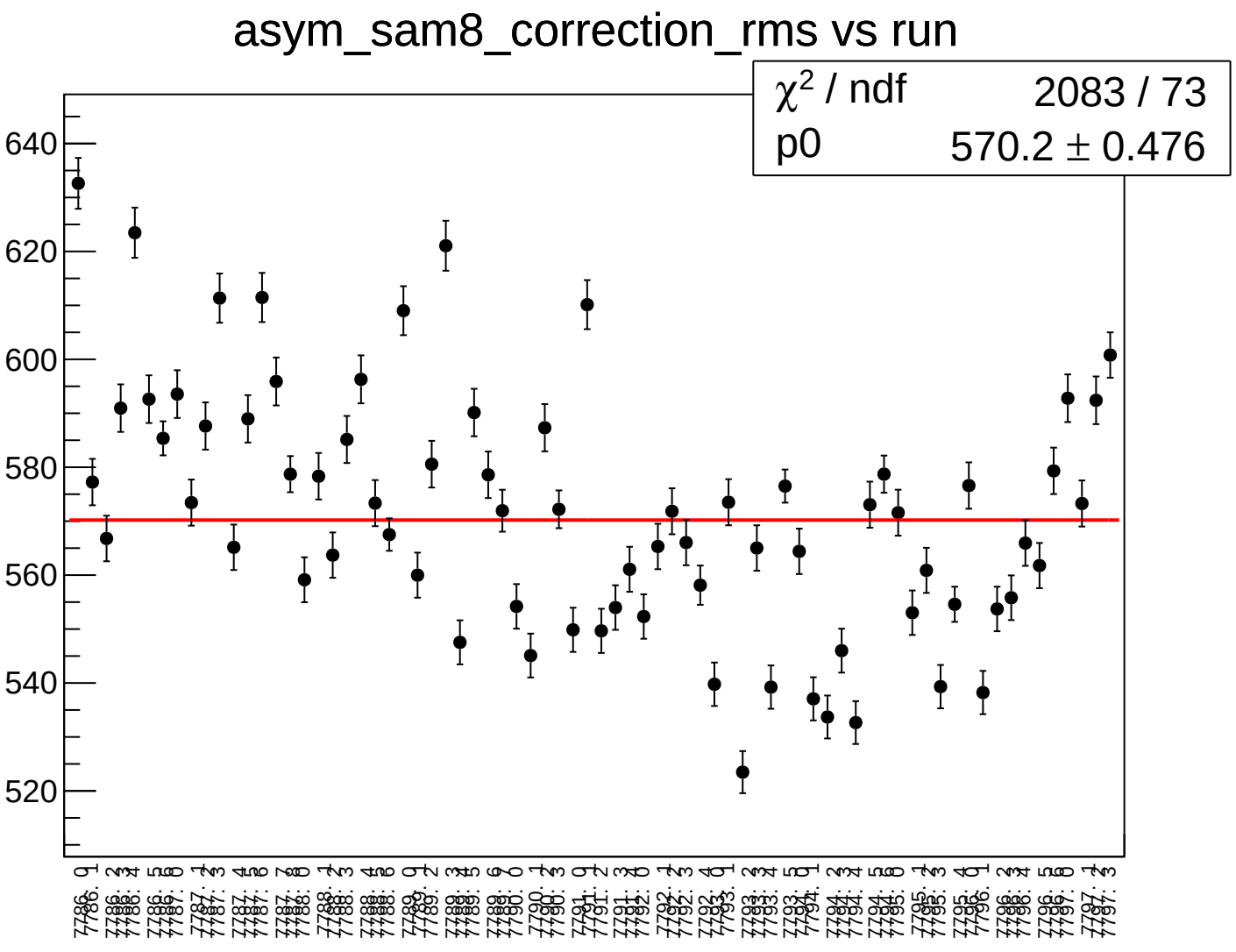

dit_asym_sam8_mean vs run
$\chi^2$ / ndf 83.34 / 73
p0 −16.55 ± 93.32
pull
Entries 74
Mean −204.9
Std Dev 251

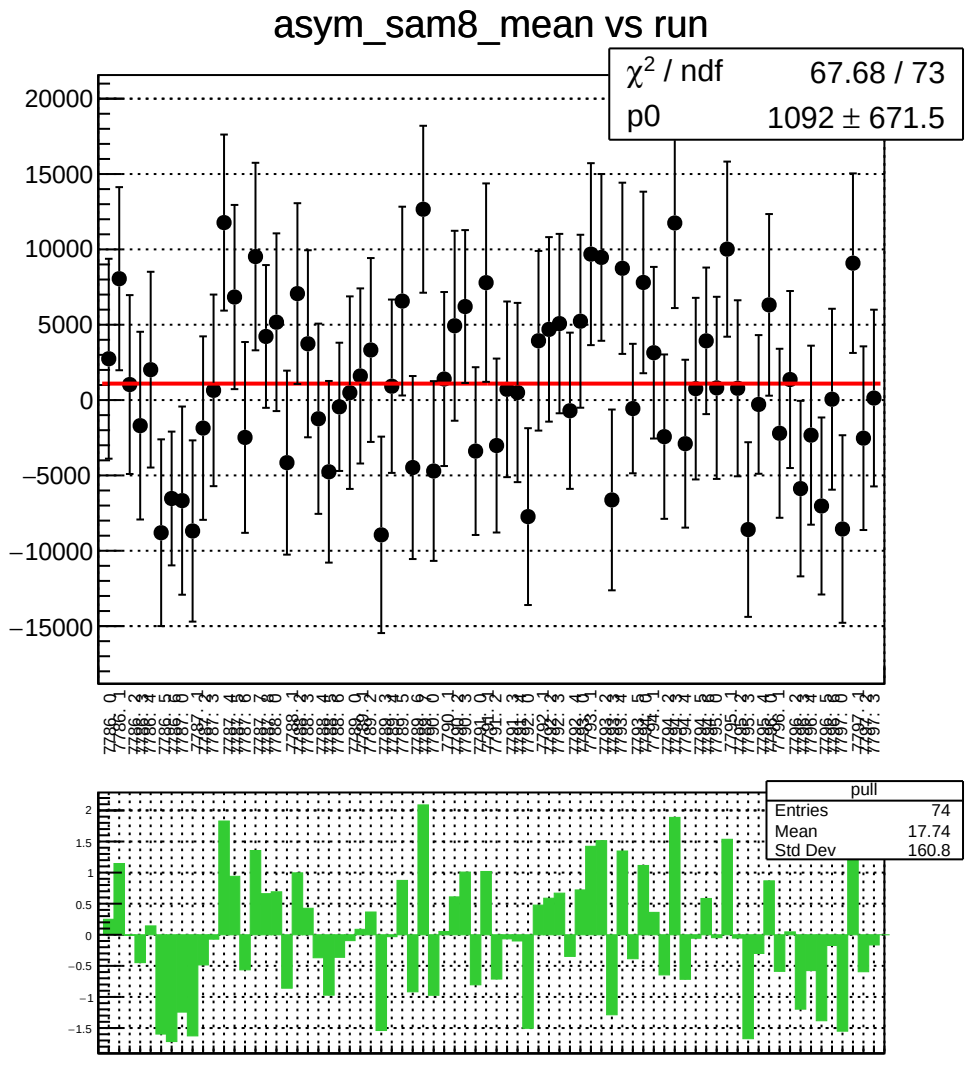

pull1D
Entries 74
Mean 0.00552
Std Dev 1.061

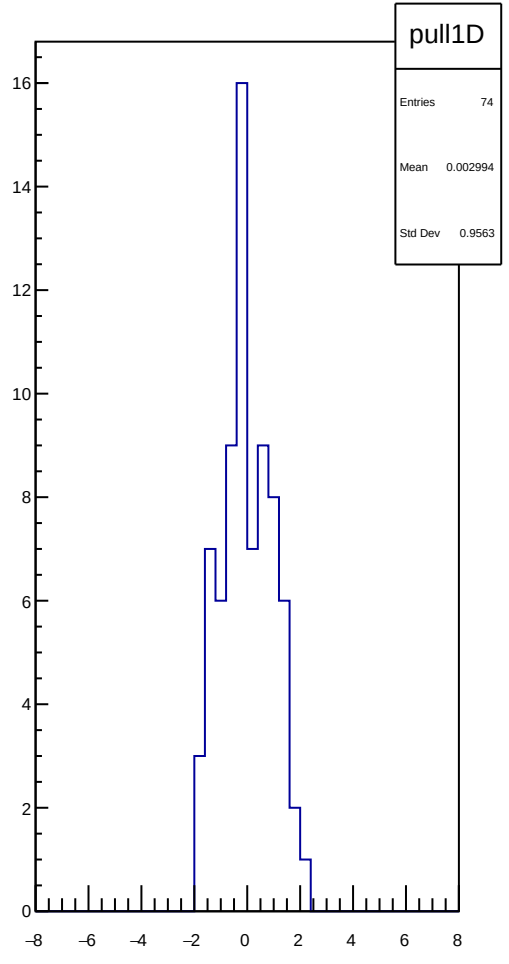

dit_asym_sam8_rms vs run
$\chi^2$ / ndf 6680 / 73
p0 78.92 ± 0.06599
140
130
120
110
100
90
80
70

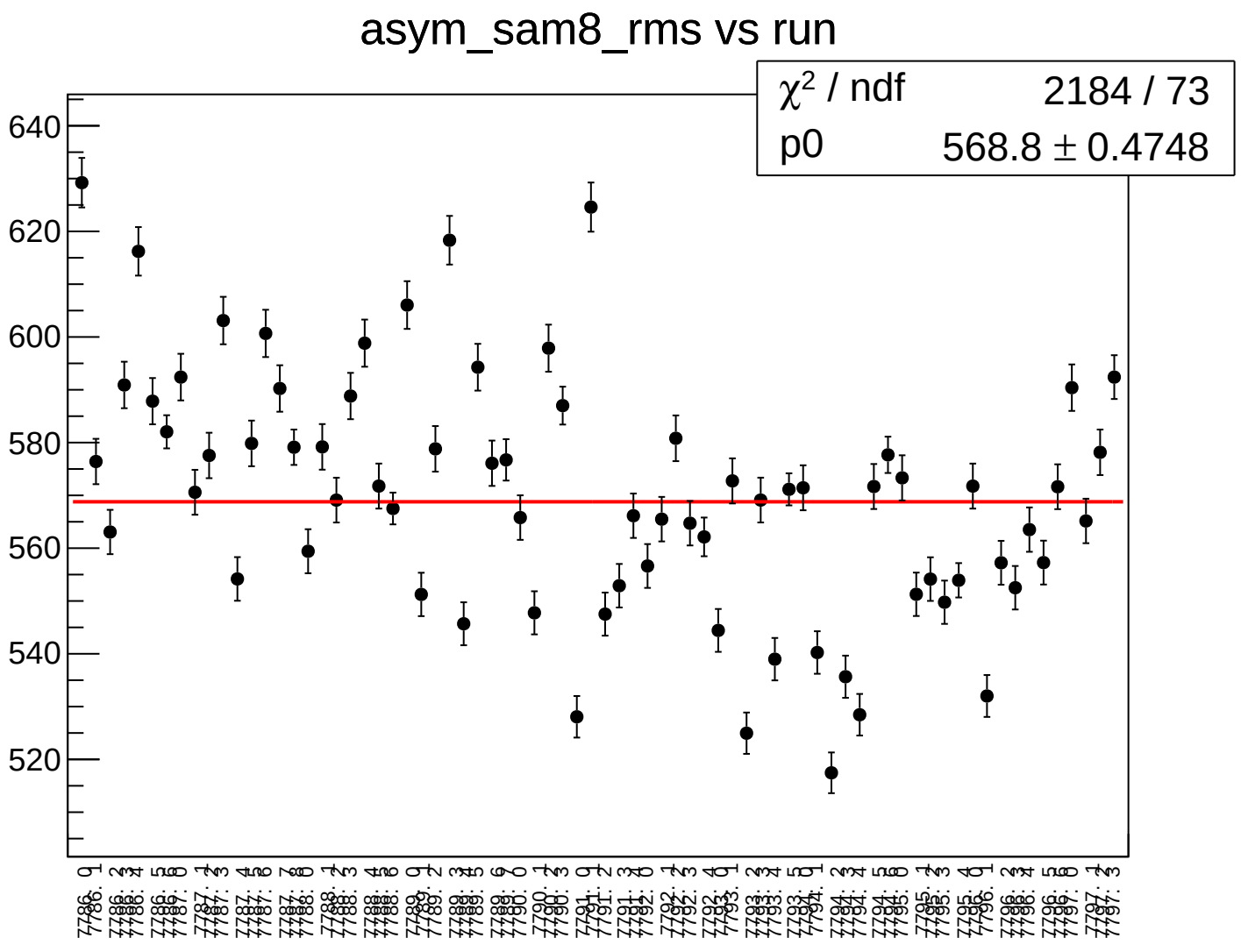

asym_sam8_correction_mean vs run
χ² / ndf 73.88 / 73
p0 −1124 ± 673.2
15000
10000
5000
0
−5000
−10000
−15000
−20000
pull
Entries 74
Mean 123.4
Std Dev 267
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

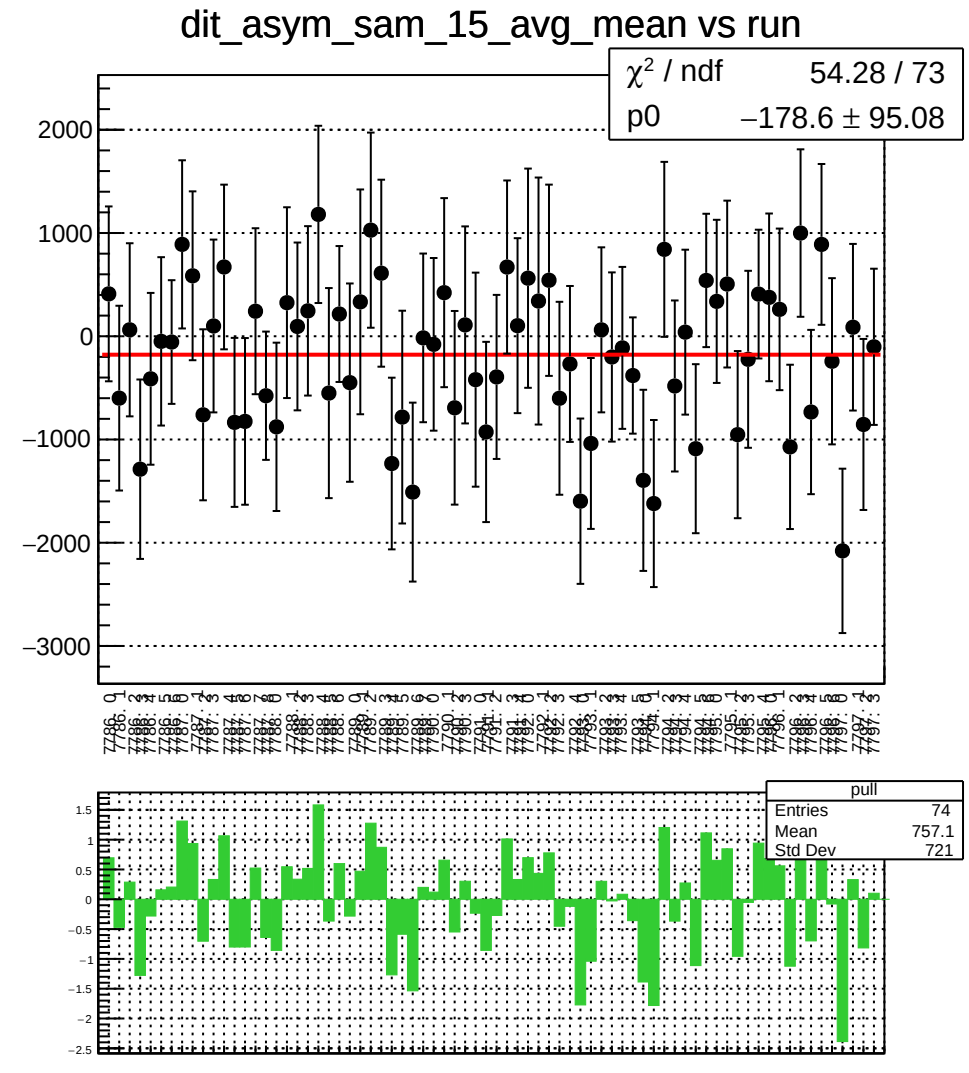

pull1D
Entries 74
Mean −0.001158
Std Dev 0.9992
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

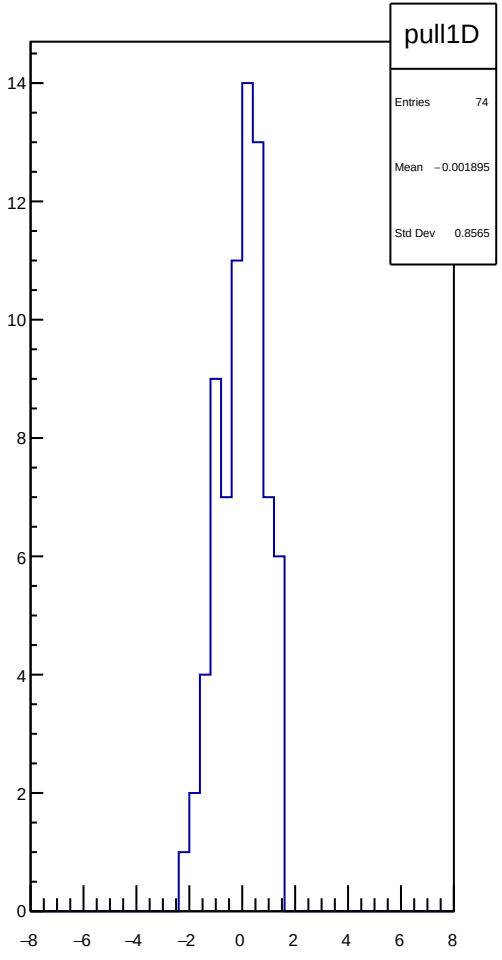

asym_sam8_correction_rms vs run
χ² / ndf 2083 / 73
p0 570.2 ± 0.476
640
620
600
580
560
540
520

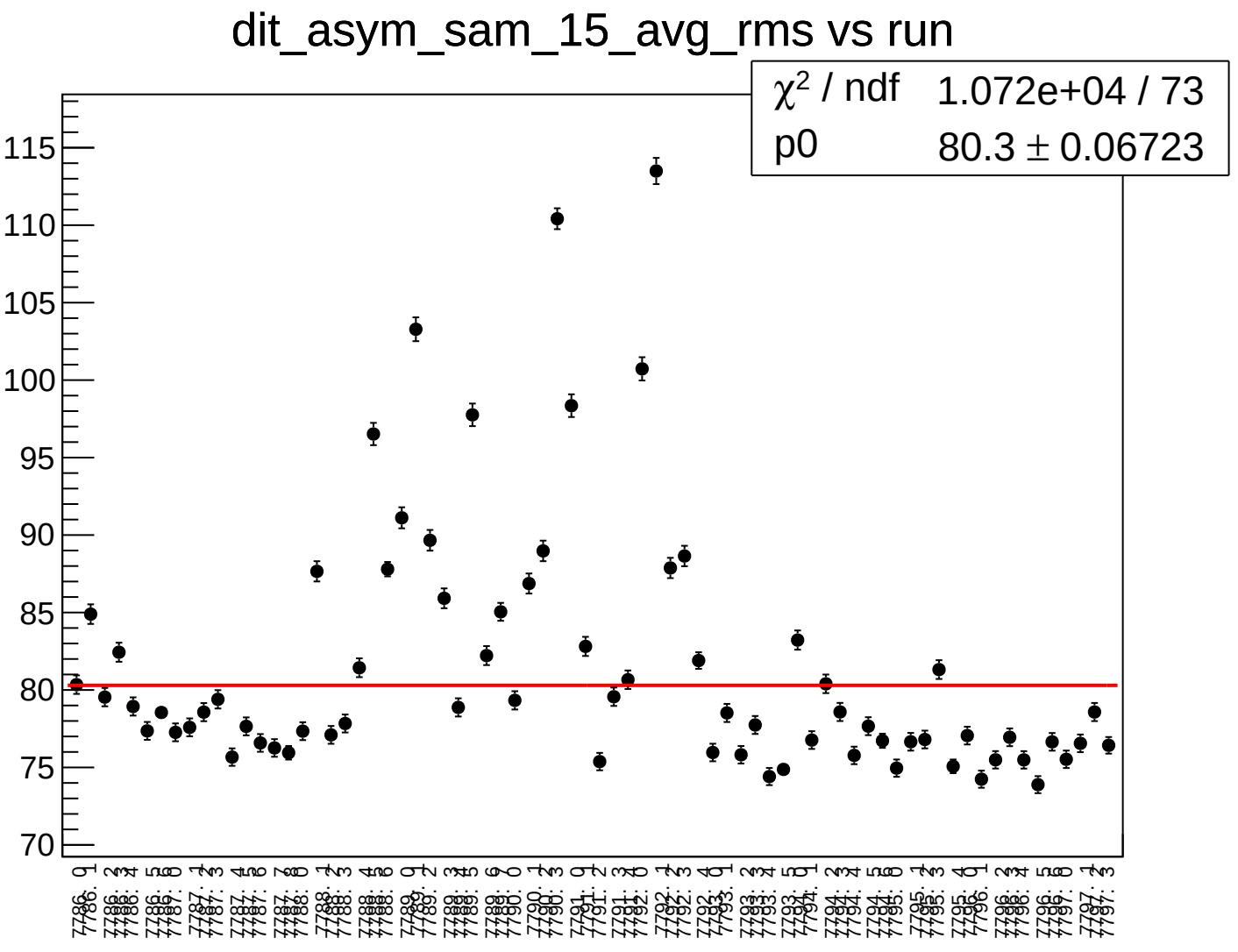

asym_sam8_mean vs run
χ² / ndf 67.68 / 73
p0 1092 ± 671.5
20000
15000
10000
5000
0
−5000
−10000
−15000
pull
Entries 74
Mean 17.74
Std Dev 160.8
2
1.5
1
0.5
0
−0.5
−1
−1.5

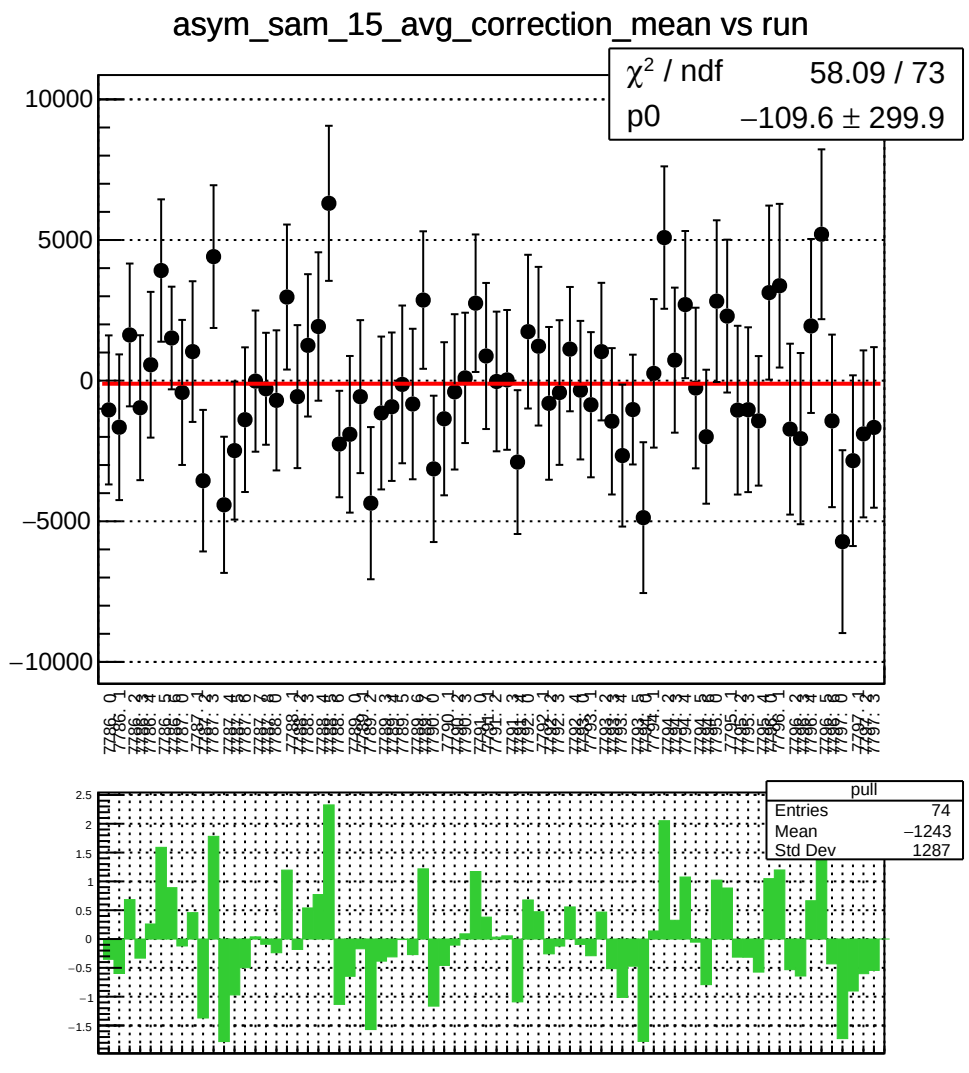

pull1D
Entries 74
Mean 0.002994
Std Dev 0.9563
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

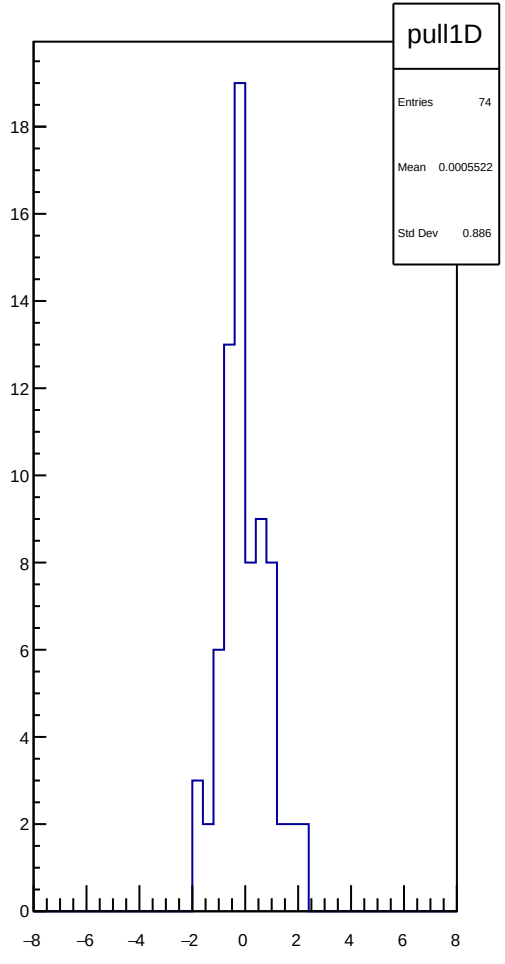

asym_sam8_rms vs run
χ² / ndf 2184 / 73
p0 568.8 ± 0.4748
640
620
600
580
560
540
520

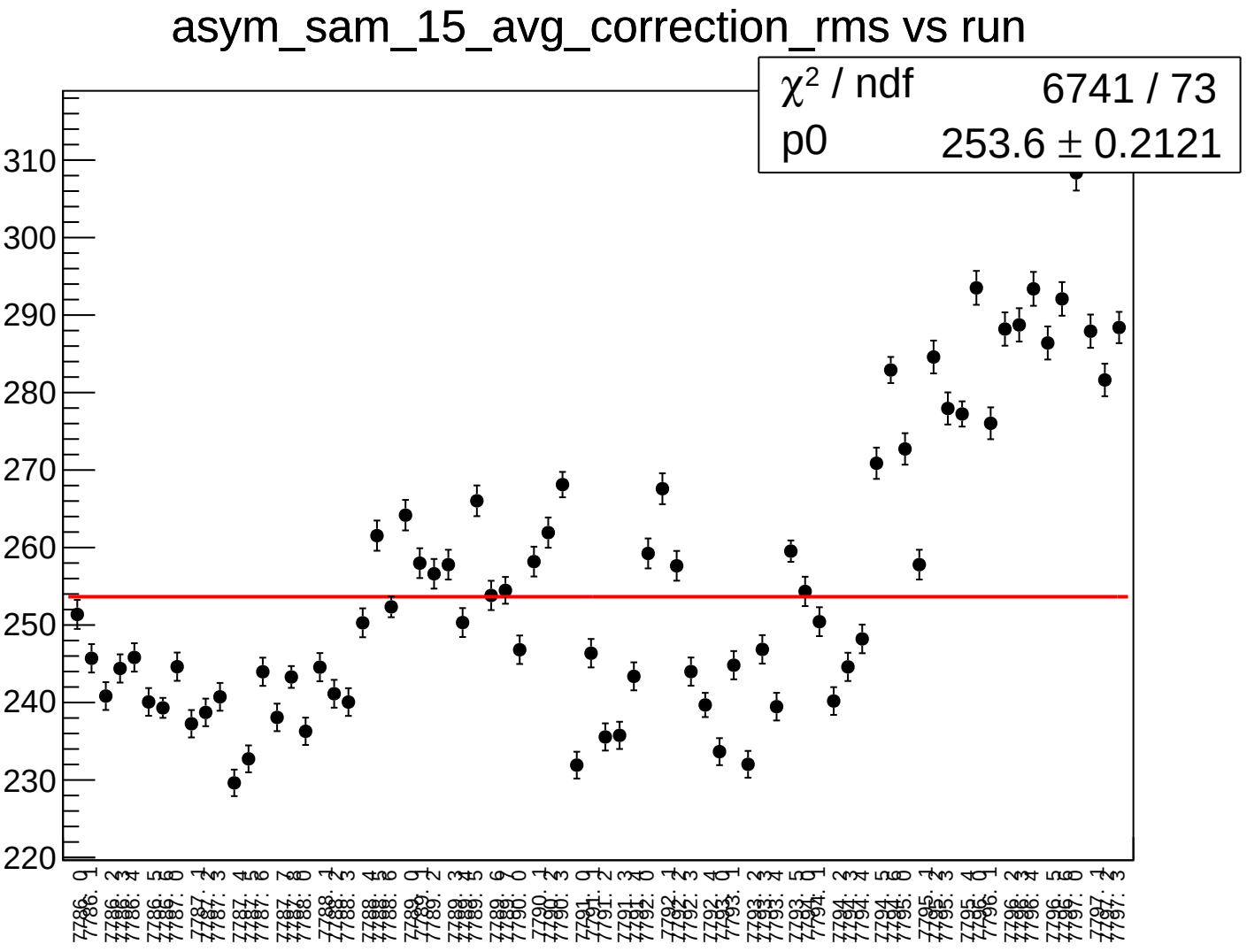

dit_asym_sam_15_avg_mean vs run
χ² / ndf 54.28 / 73
p0 −178.6 ± 95.08
2000
1000
0
−1000
−2000
−3000
pull
Entries 74
Mean 757.1
Std Dev 721
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

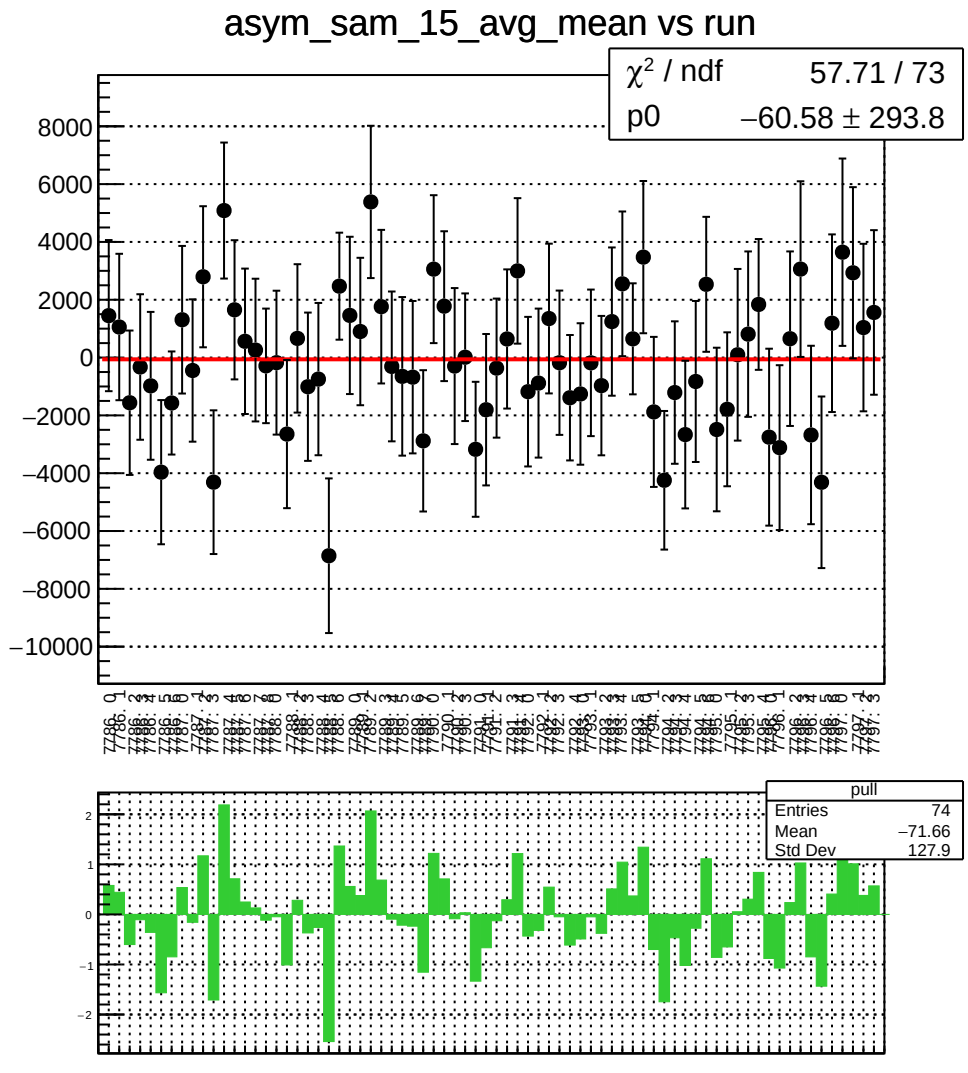

pull1D
Entries 74
Mean −0.001895
Std Dev 0.8565
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

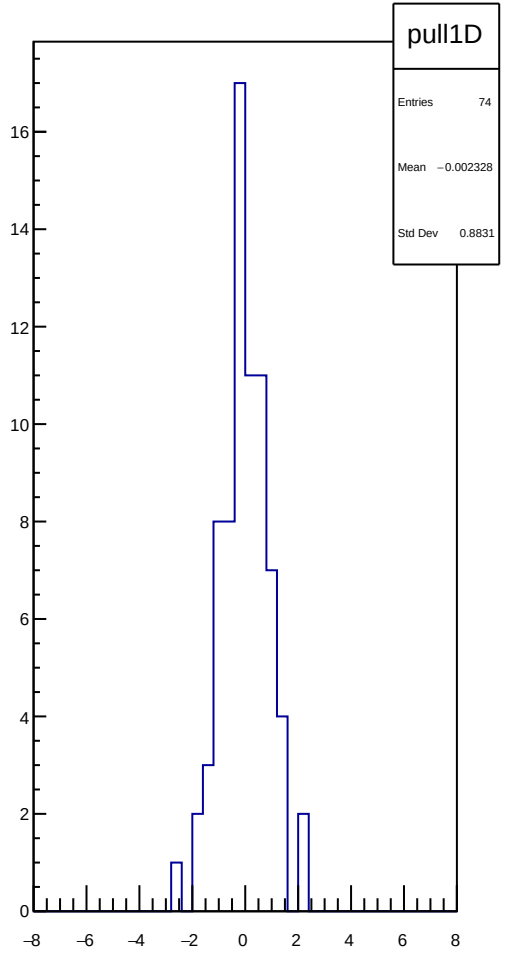

dit_asym_sam_15_avg_rms vs run
$\chi^2$ / ndf 1.072e+04 / 73
p0 80.3 ± 0.06723
115
110
105
100
95
90
85
80
75
70

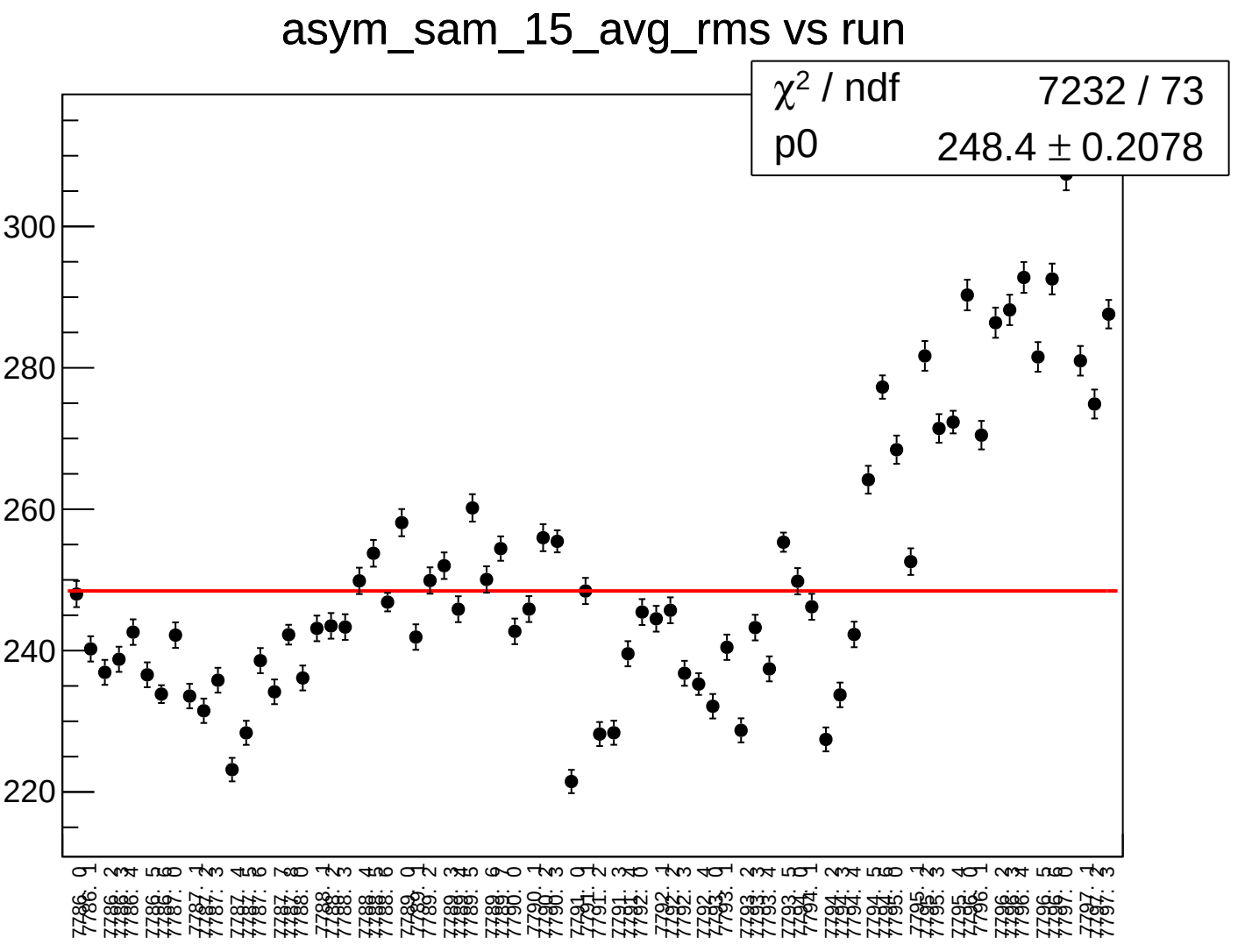

asym_sam_15_avg_correction_mean vs run
χ² / ndf 58.09 / 73
p0 −109.6 ± 299.9
10000
5000
0
−5000
−10000
pull
Entries 74
Mean −1243
Std Dev 1287
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5

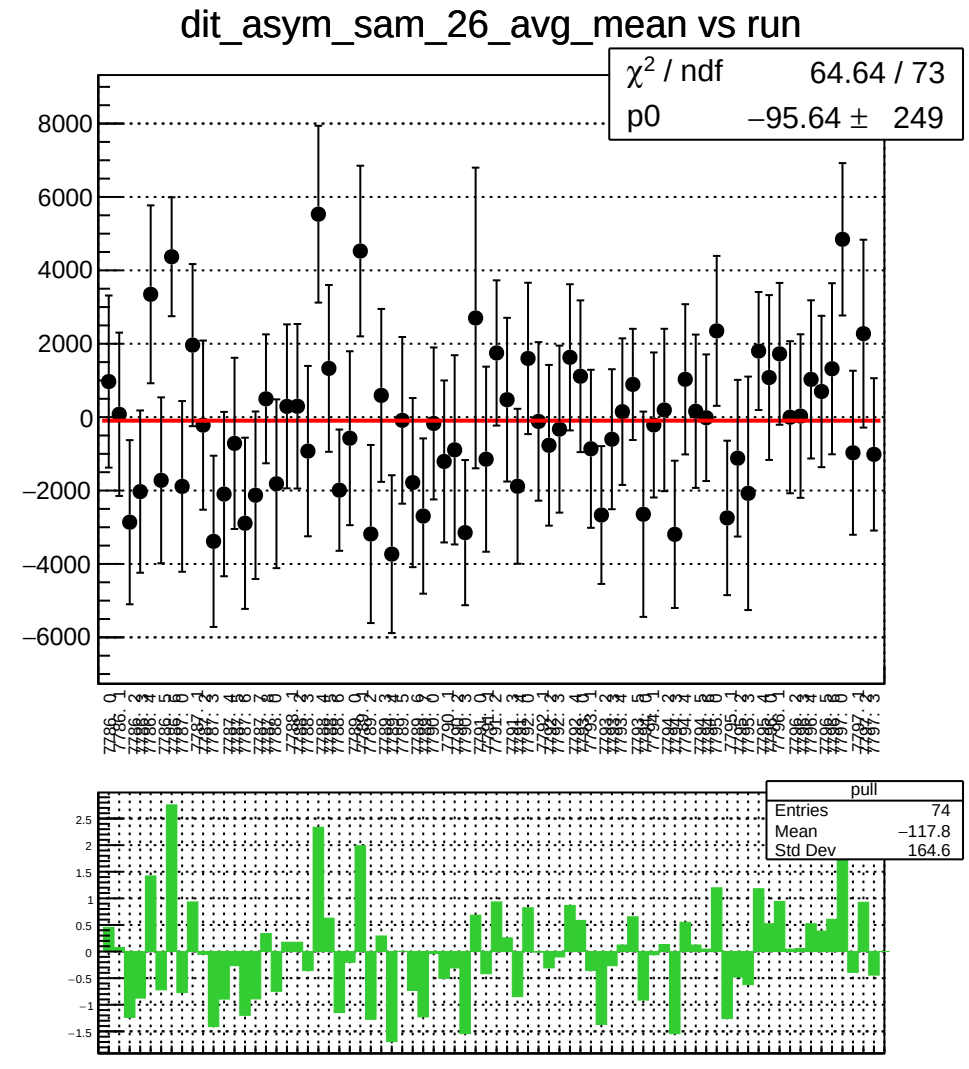

pull1D
Entries 74
Mean 0.0005522
Std Dev 0.886
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

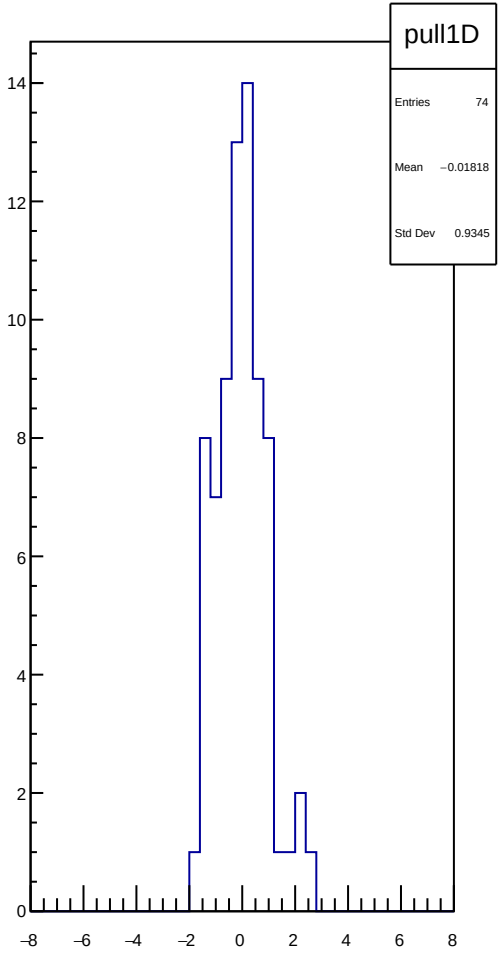

asym_sam_15_avg_correction_rms vs run
χ² / ndf 6741 / 73
p0 253.6 ± 0.2121
310
300
290
280
270
260
250
240
230
220

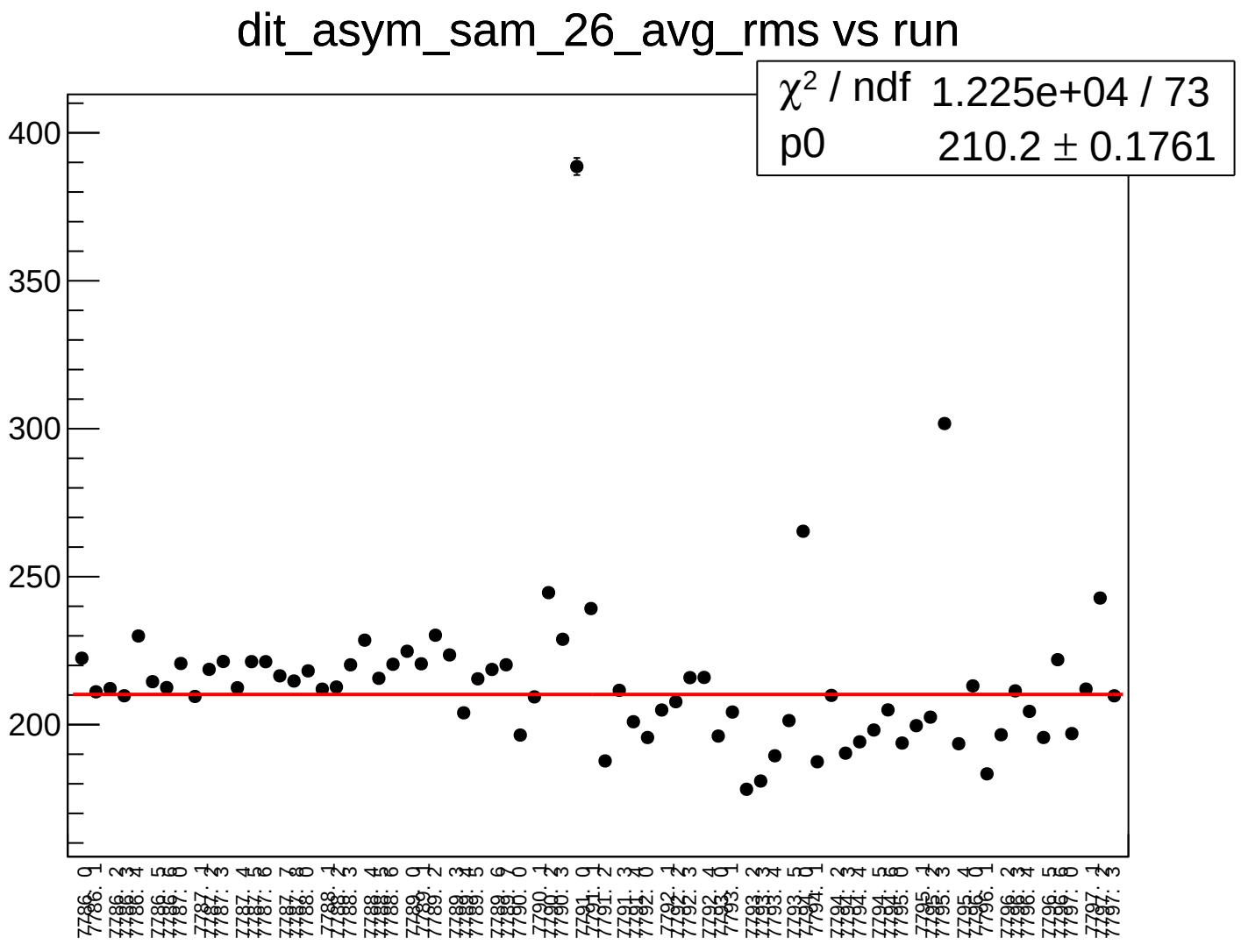

asym_sam_15_avg_mean vs run
χ² / ndf 57.71 / 73
p0 −60.58 ± 293.8
pull
Entries 74
Mean −71.66
Std Dev 127.9

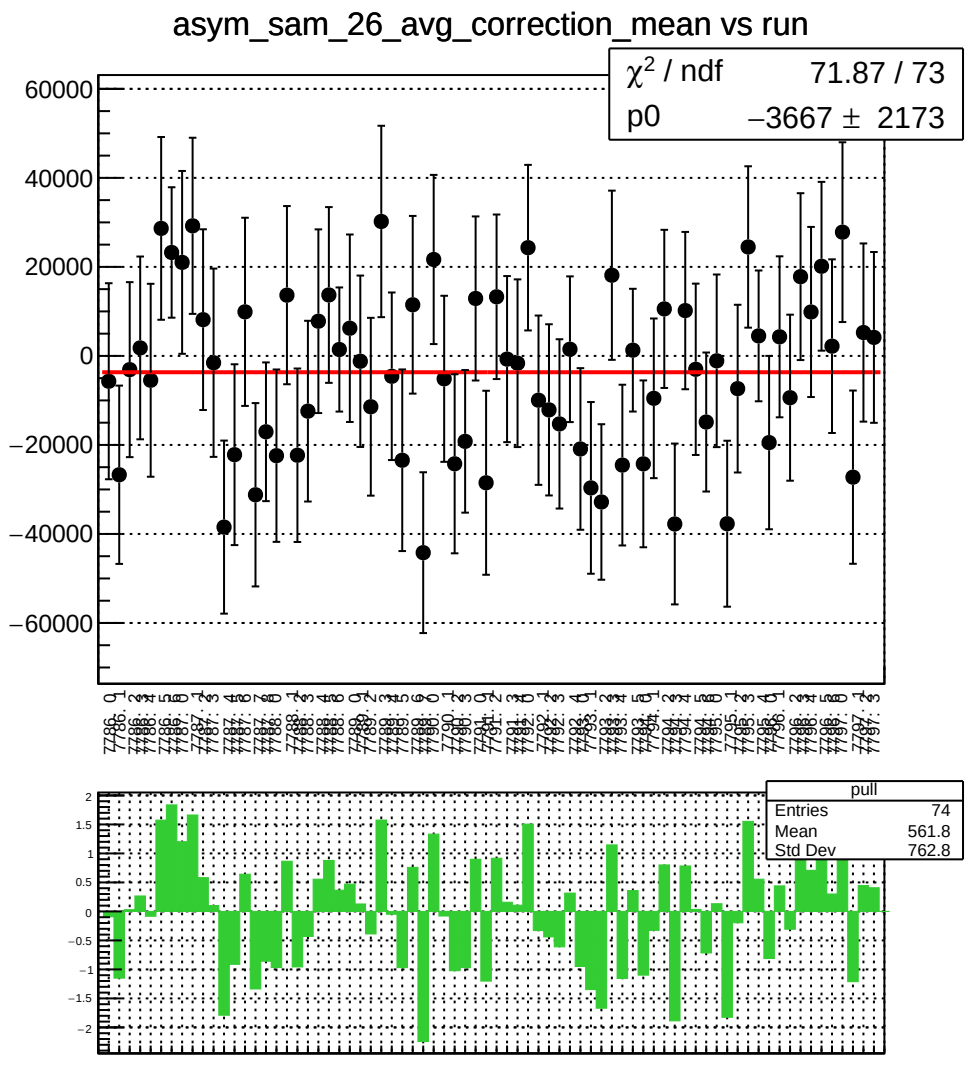

pull1D
Entries 74
Mean −0.002328
Std Dev 0.8831

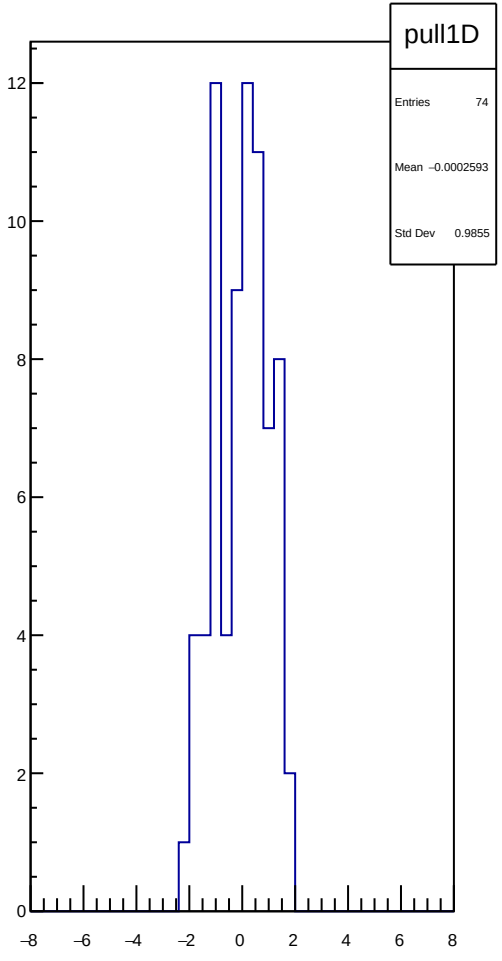

asym_sam_15_avg_rms vs run
χ² / ndf 7232 / 73
p0 248.4 ± 0.2078
300
280
260
240
220

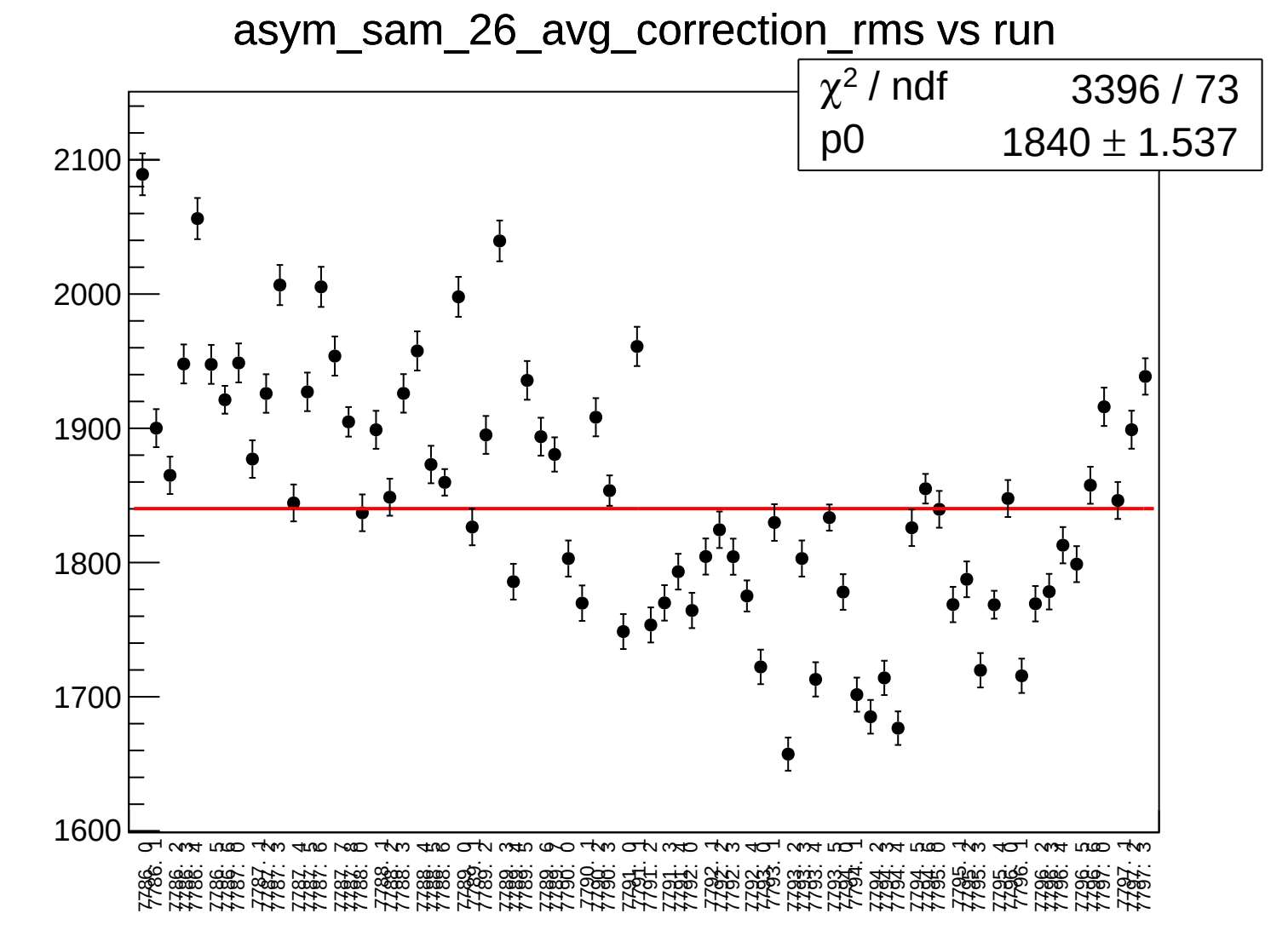

dit_asym_sam_26_avg_mean vs run
χ² / ndf 64.64 / 73
p0 −95.64 ± 249
pull
Entries 74
Mean −117.8
Std Dev 164.6

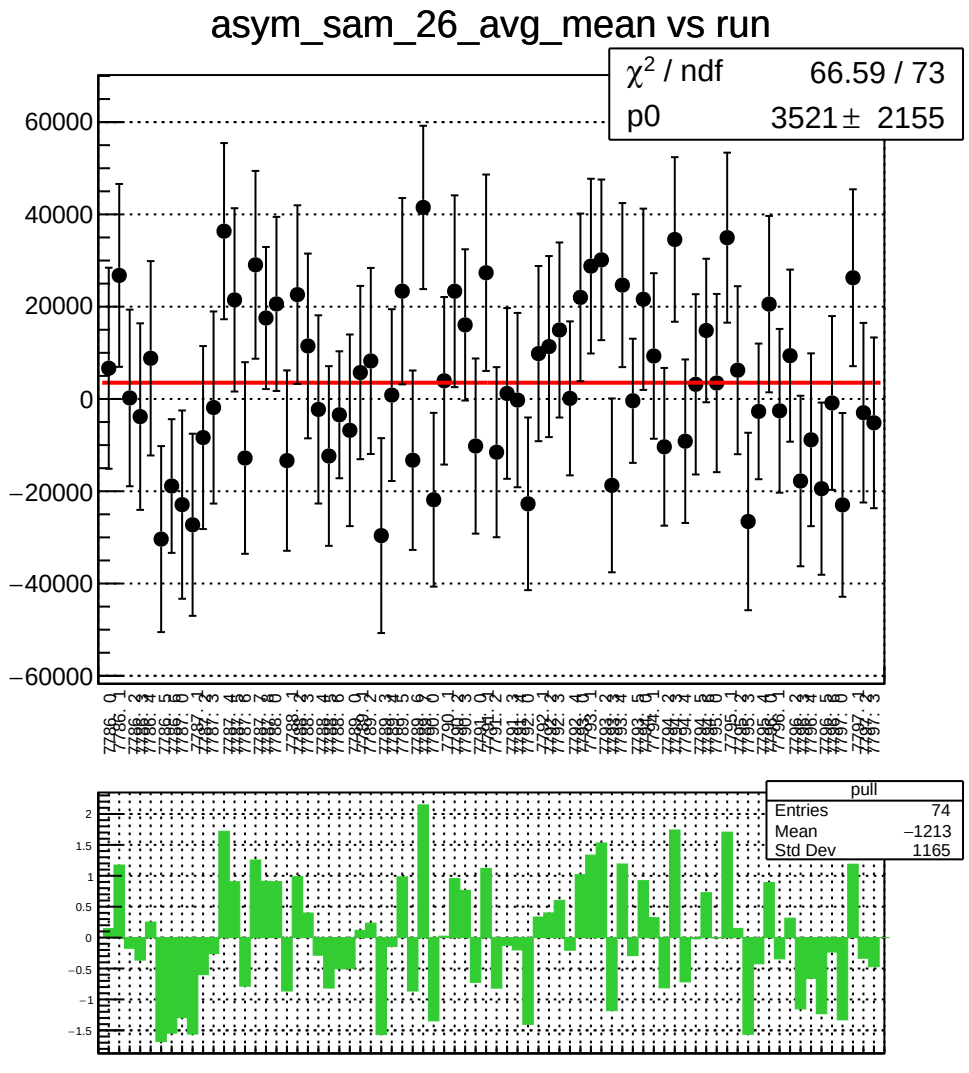

pull1D
Entries 74
Mean −0.01818
Std Dev 0.9345

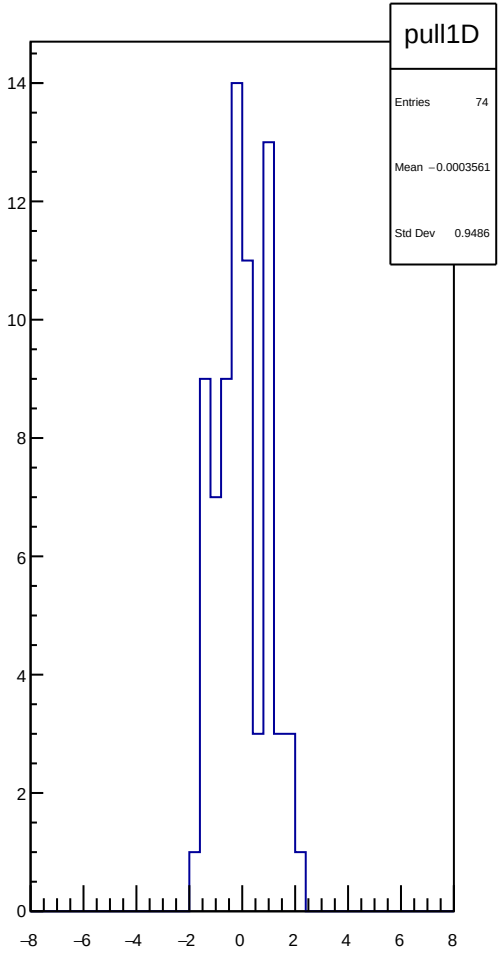

dit_asym_sam_26_avg_rms vs run
χ² / ndf 1.225e+04 / 73
p0 210.2 ± 0.1761
400
350
300
250
200

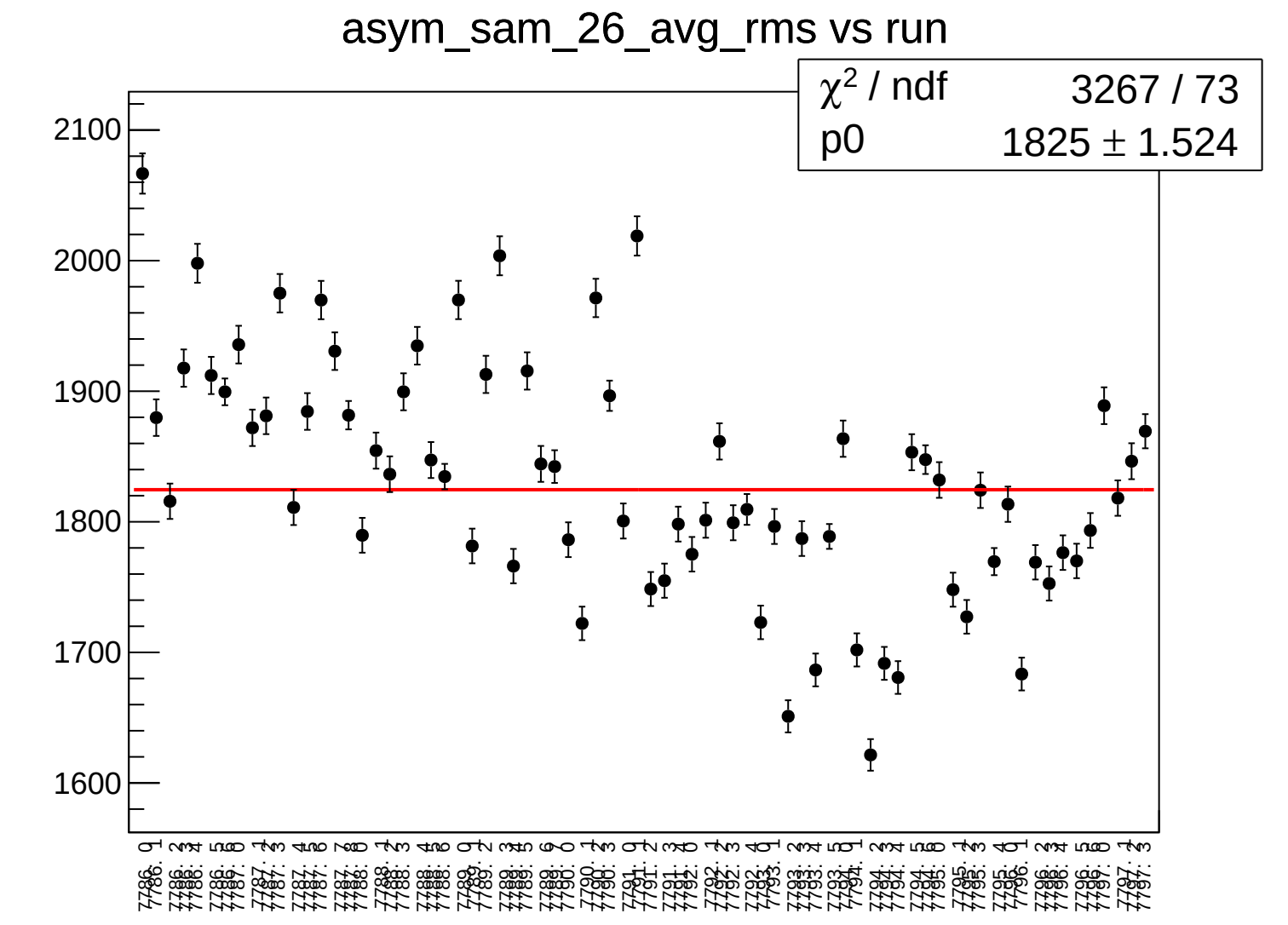

asym_sam_26_avg_correction_mean vs run
χ² / ndf 71.87 / 73
p0 −3667 ± 2173
pull
Entries 74
Mean 561.8
Std Dev 762.8

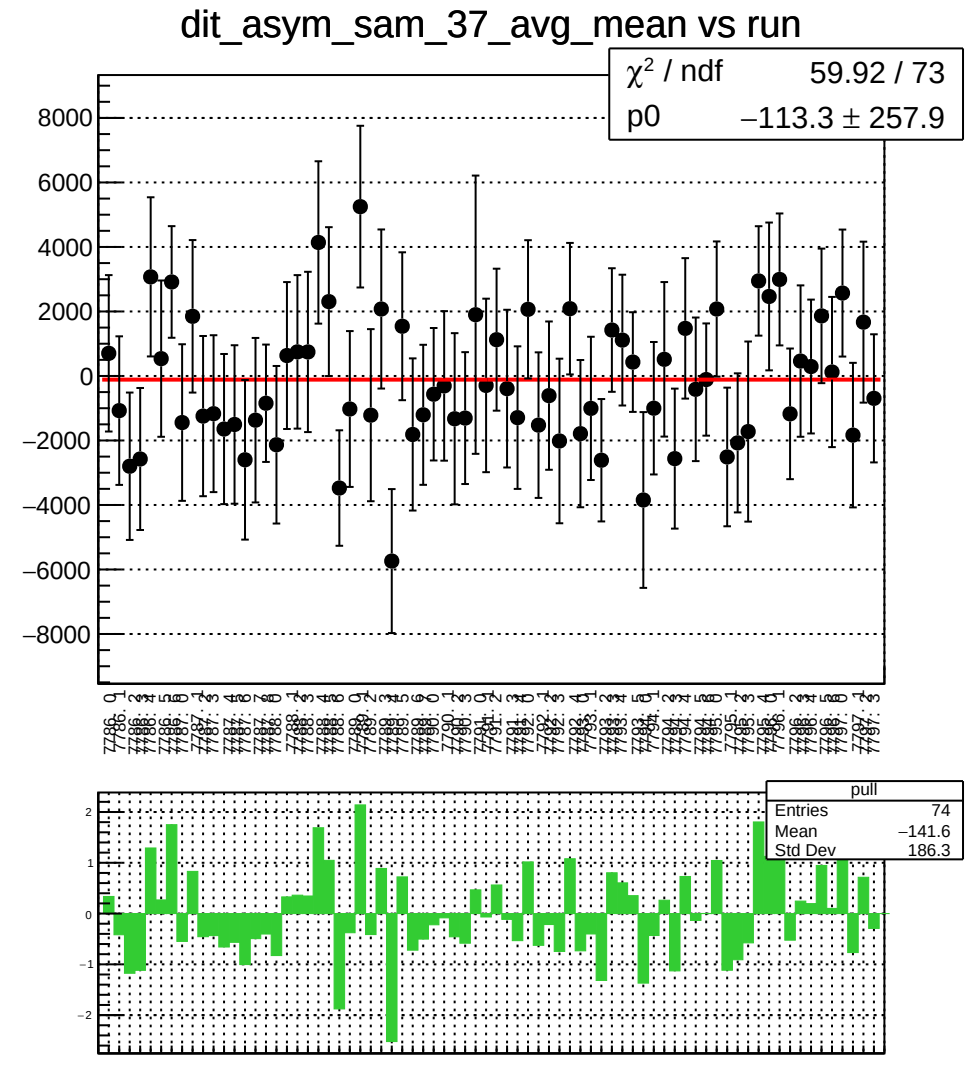

pull1D
Entries 74
Mean −0.0002593
Std Dev 0.9855

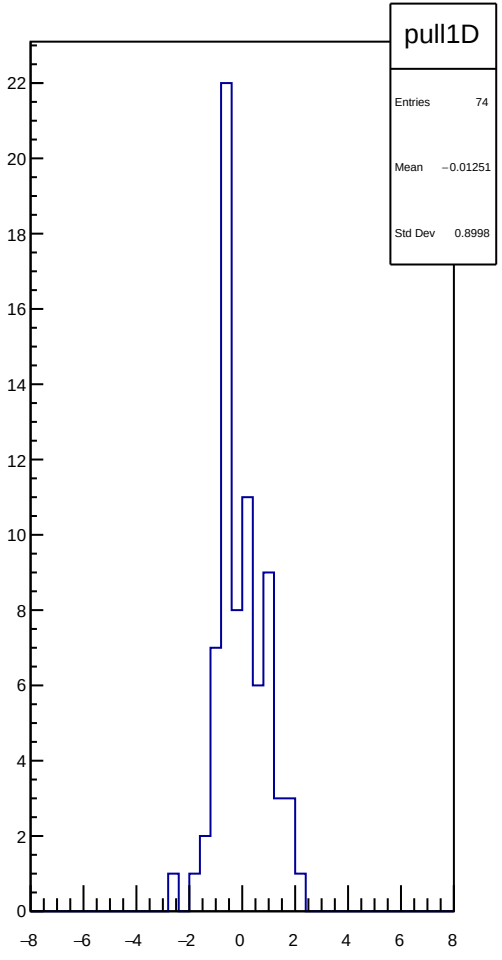

asym_sam_26_avg_correction_rms vs run
$\chi^2$ / ndf 3396 / 73
p0 1840 ± 1.537
2100
2000
1900
1800
1700
1600

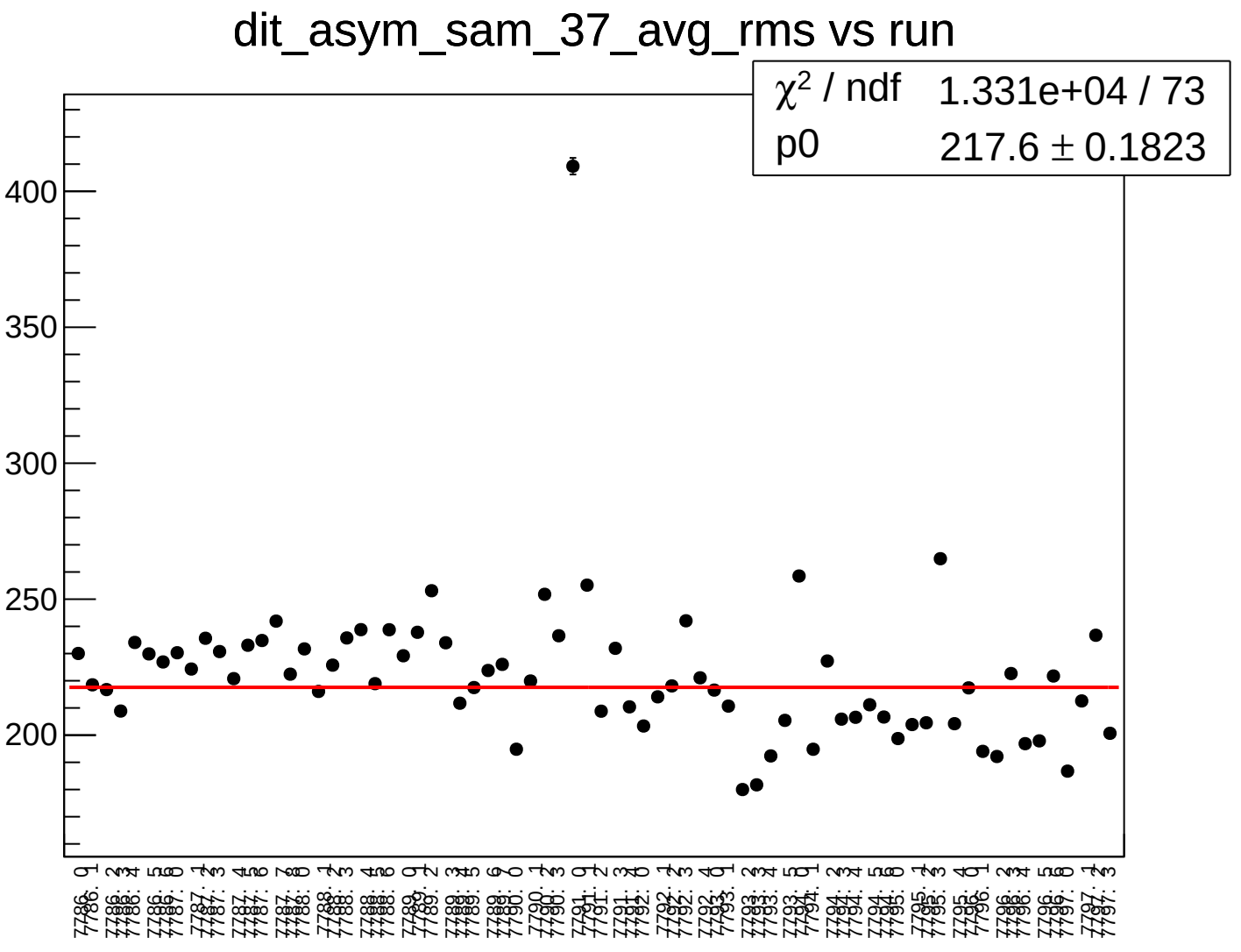

asym_sam_26_avg_mean vs run
χ² / ndf 66.59 / 73
p0 3521 ± 2155
pull
Entries 74
Mean −1213
Std Dev 1165

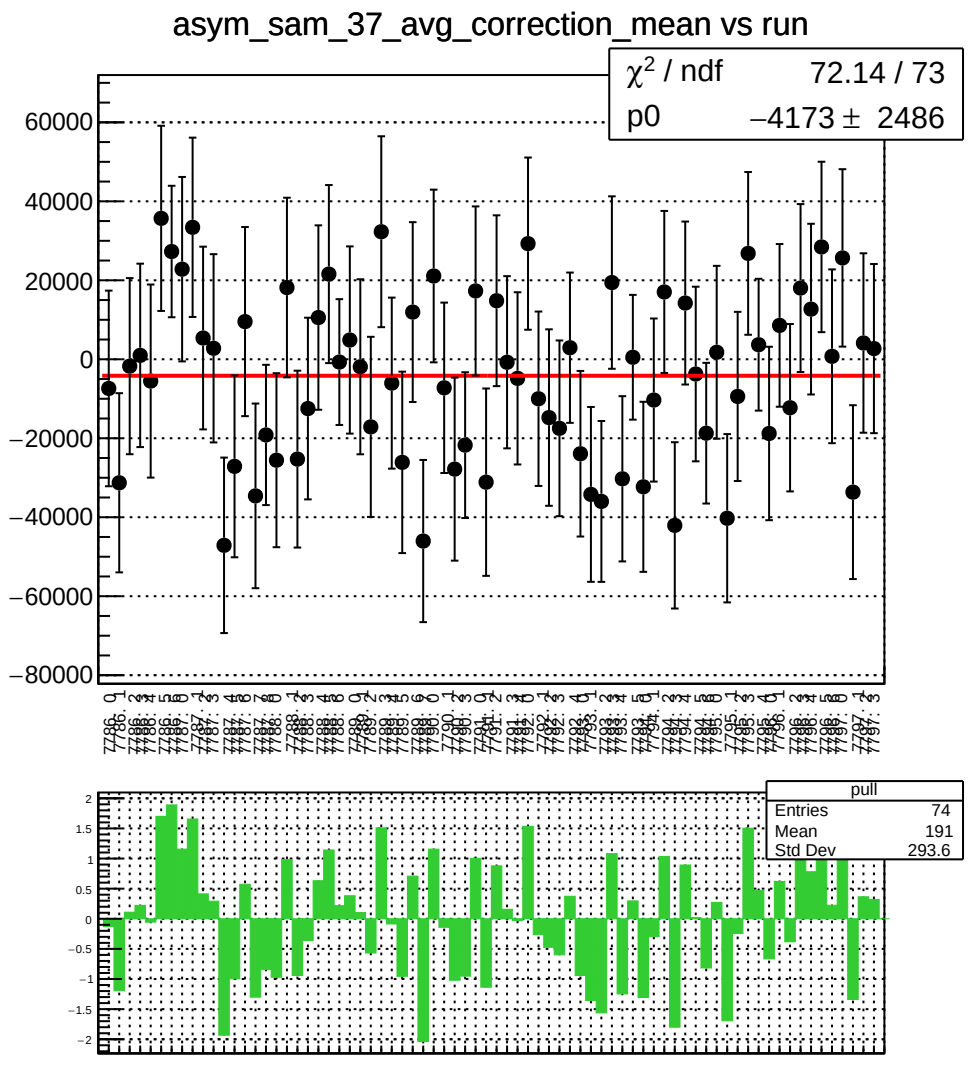

pull1D
Entries 74
Mean −0.0003561
Std Dev 0.9486

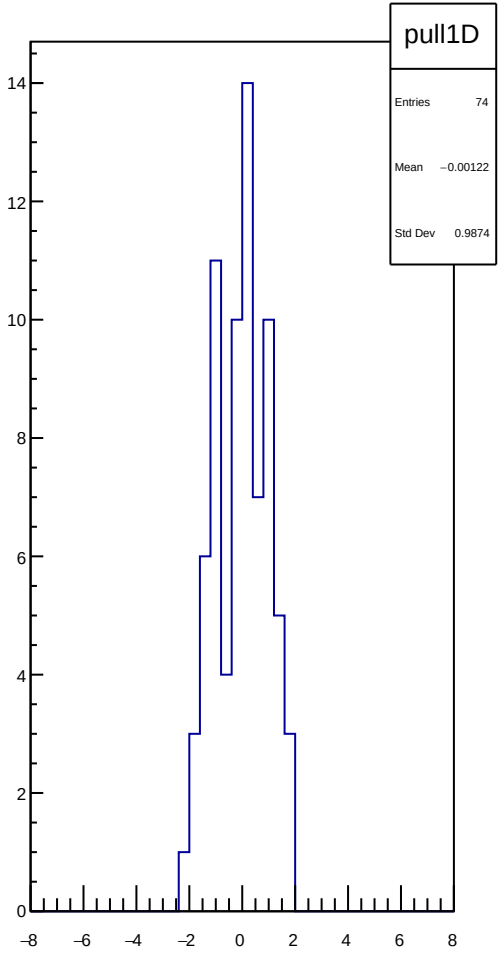

asym_sam_26_avg_rms vs run
$\chi^2$ / ndf 3267 / 73
p0 1825 ± 1.524
2100
2000
1900
1800
1700
1600

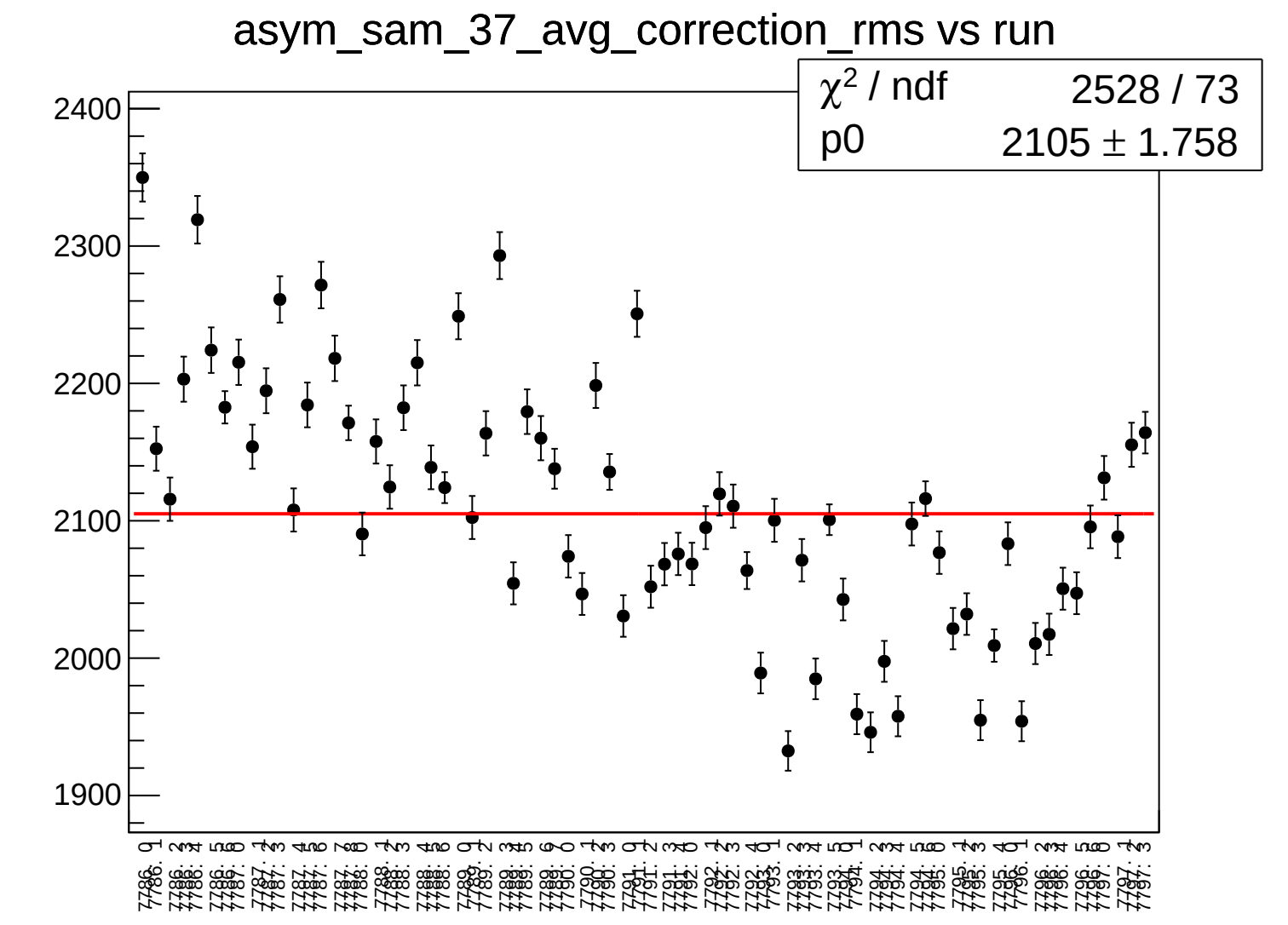

dit_asym_sam_37_avg_mean vs run
χ² / ndf 59.92 / 73
p0 −113.3 ± 257.9
pull
Entries 74
Mean −141.6
Std Dev 186.3

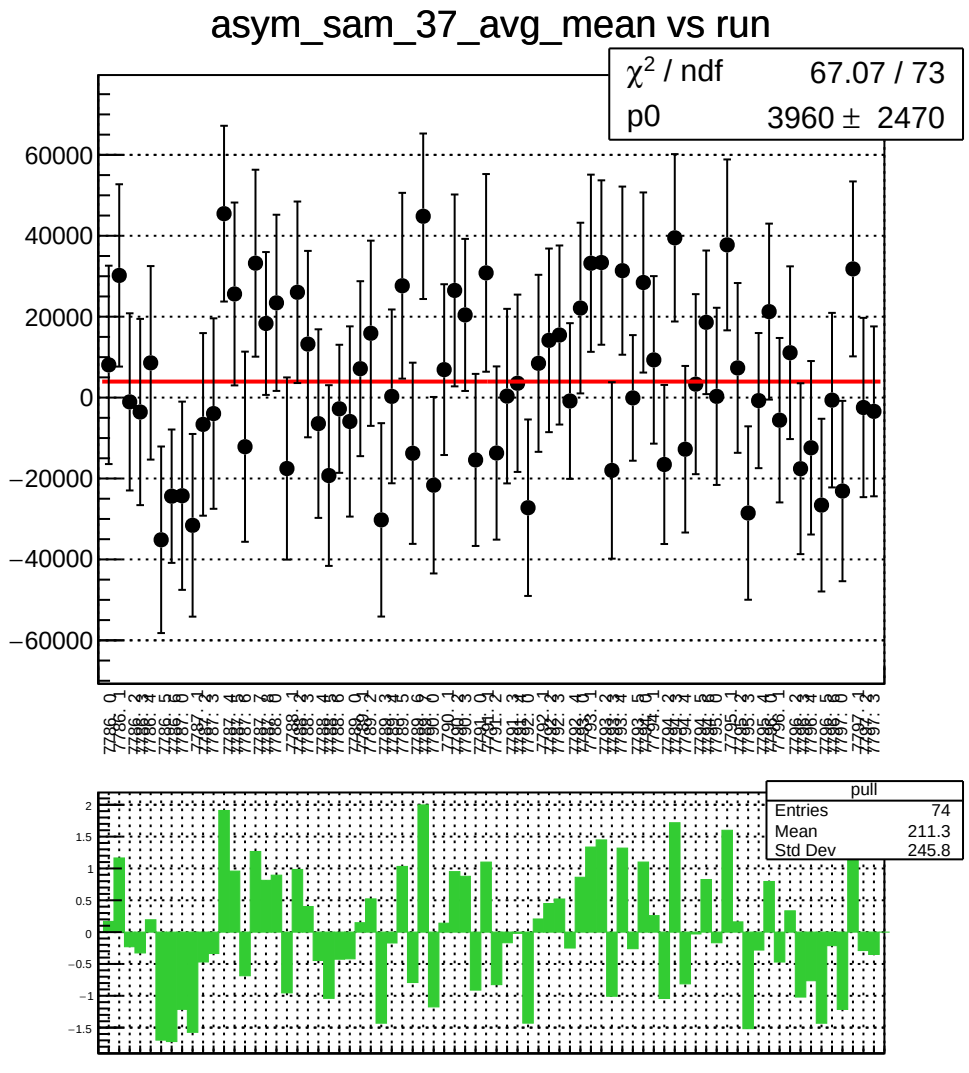

pull1D
Entries 74
Mean −0.01251
Std Dev 0.8998

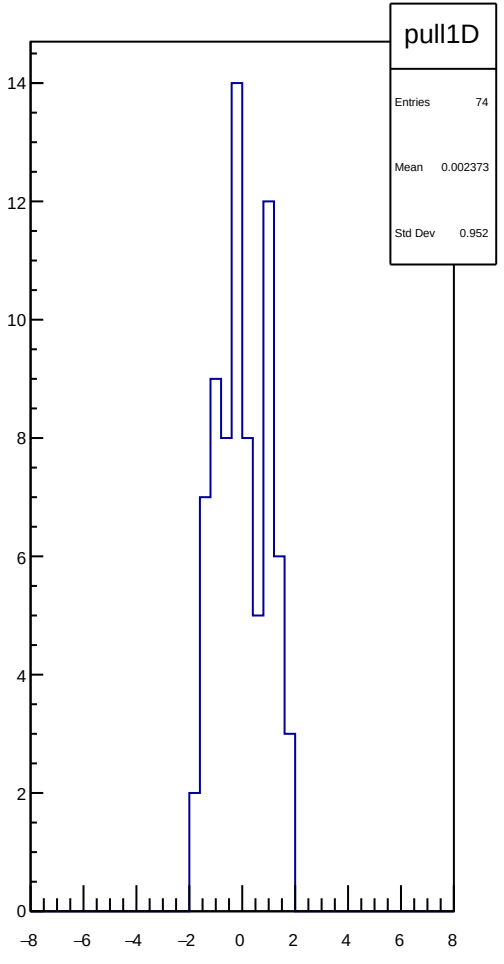

dit_asym_sam_37_avg_rms vs run
$\chi^2$ / ndf 1.331e+04 / 73
p0 217.6 ± 0.1823
400
350
300
250
200

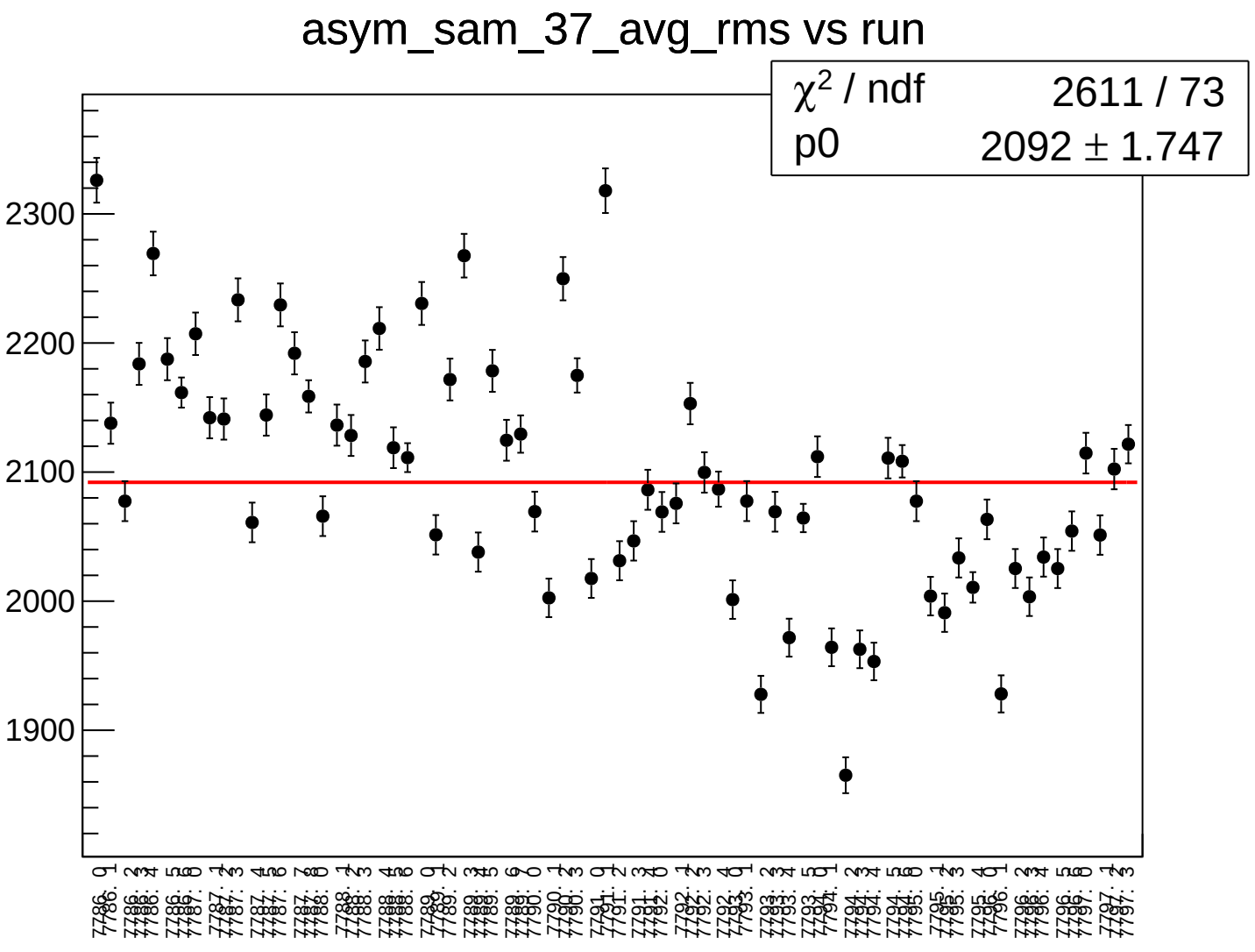

asym_sam_37_avg_correction_mean vs run
χ² / ndf 72.14 / 73
p0 −4173 ± 2486
pull
Entries 74
Mean 191
Std Dev 293.6

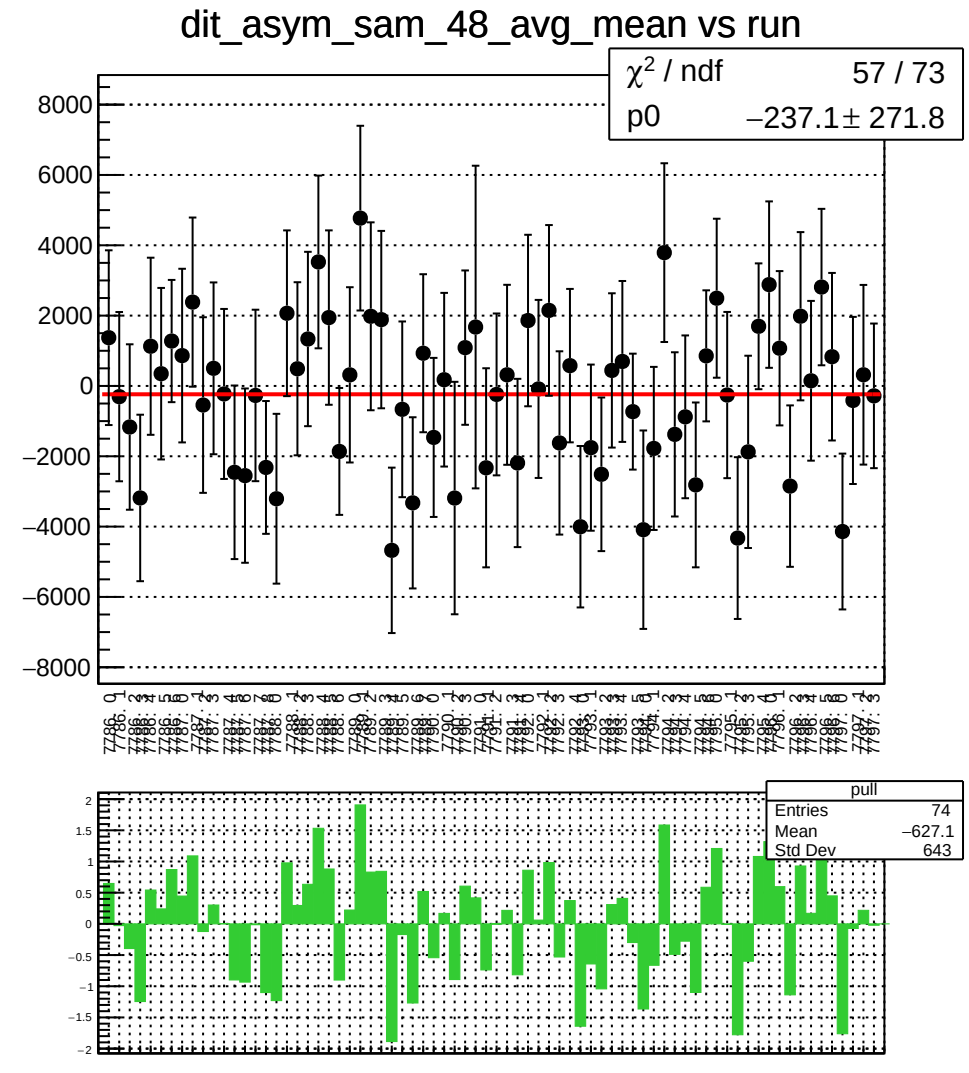

pull1D
Entries 74
Mean −0.00122
Std Dev 0.9874

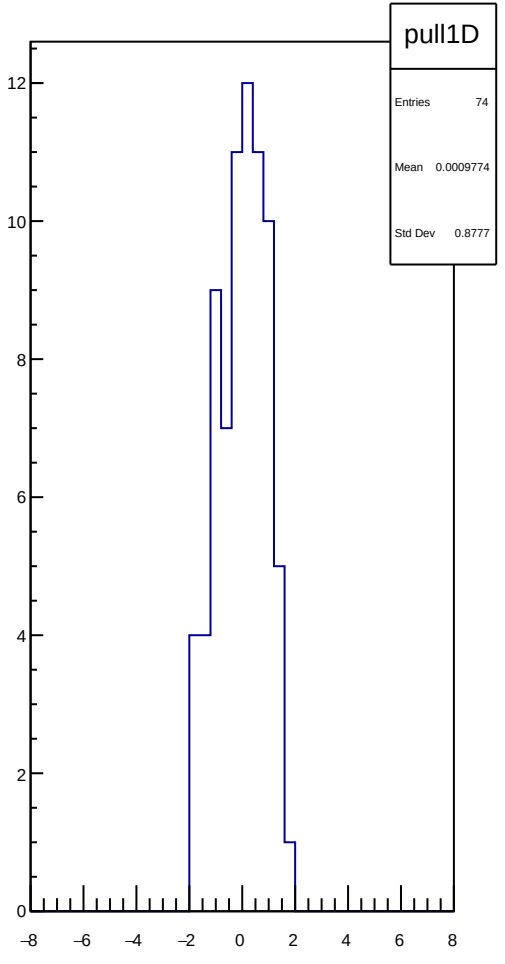

asym_sam_37_avg_correction_rms vs run
χ² / ndf 2528 / 73
p0 2105 ± 1.758
2400
2300
2200
2100
2000
1900

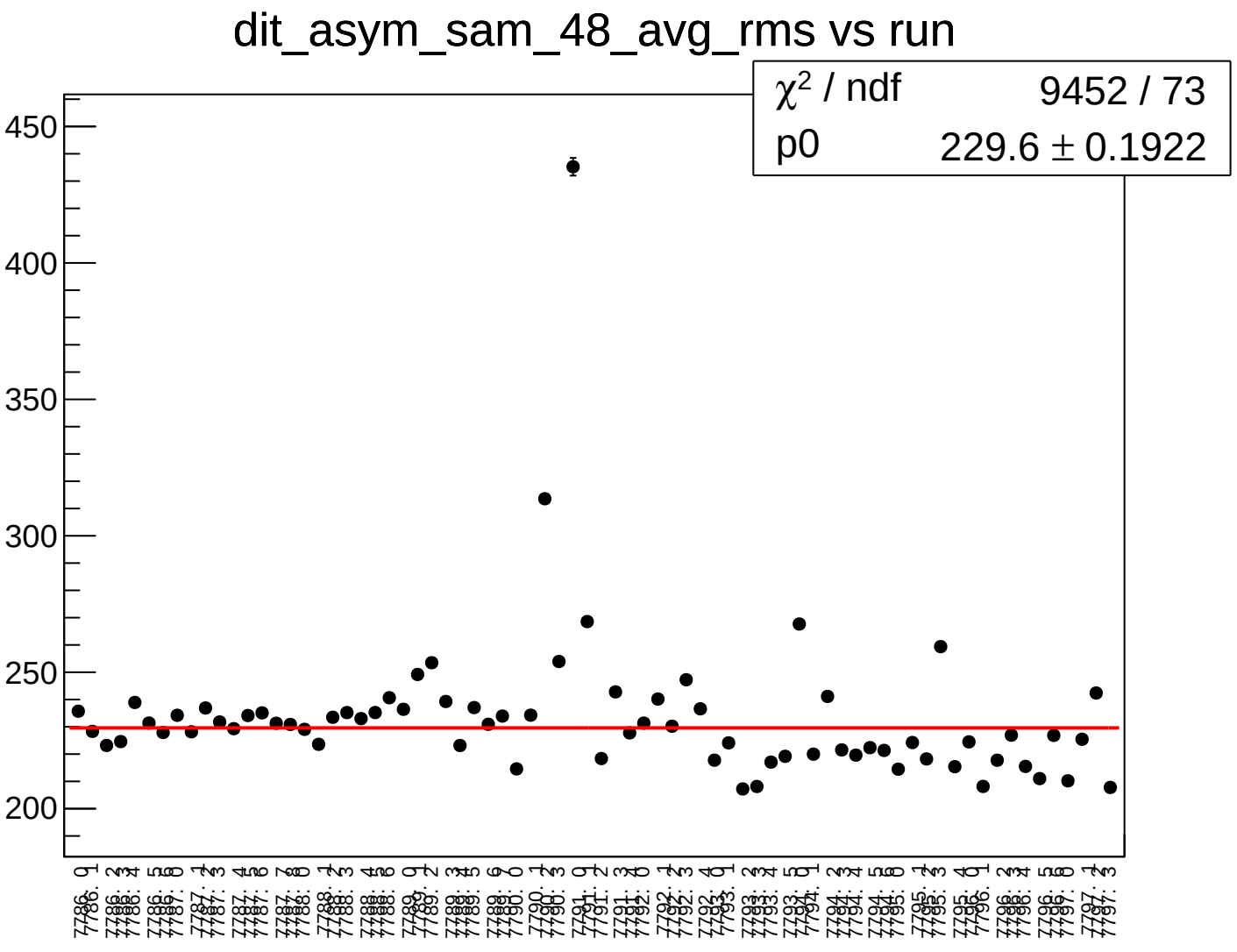

asym_sam_37_avg_mean vs run
χ² / ndf 67.07 / 73
p0 3960 ± 2470
pull
Entries 74
Mean 211.3
Std Dev 245.8

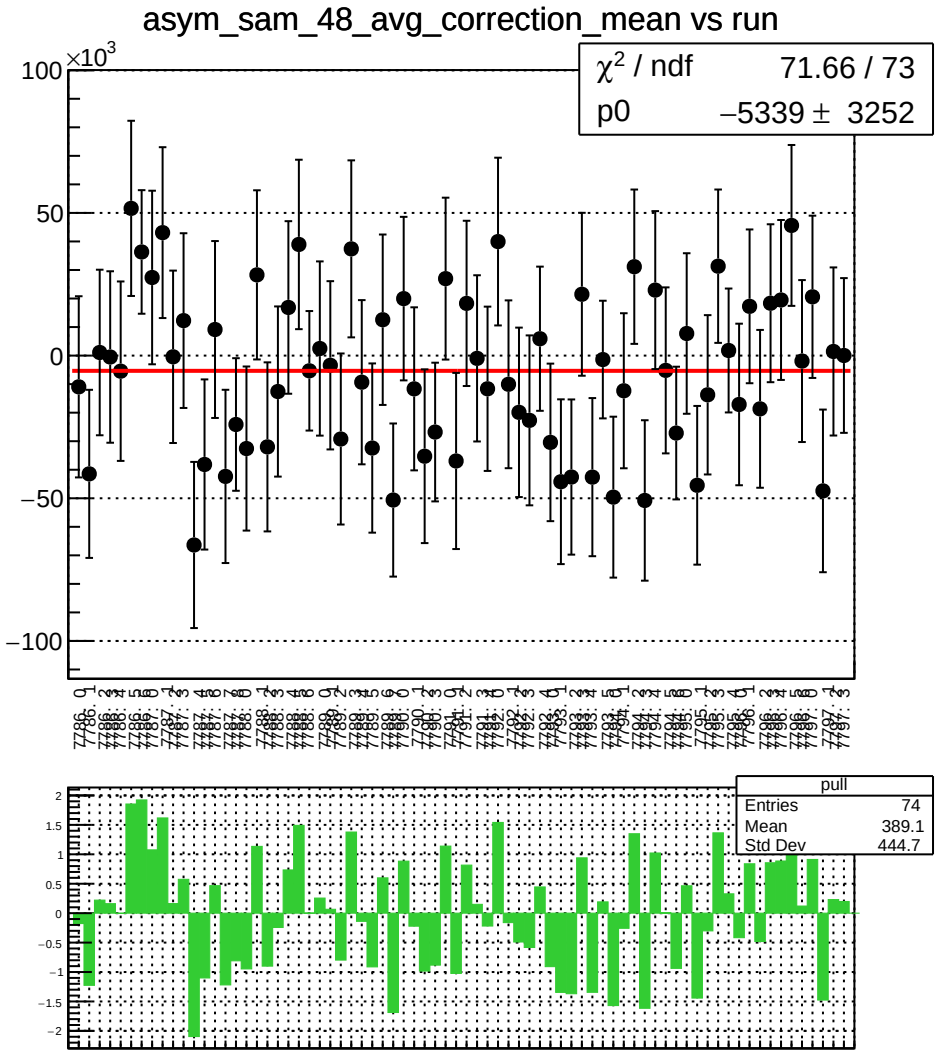

pull1D
Entries 74
Mean 0.002373
Std Dev 0.952

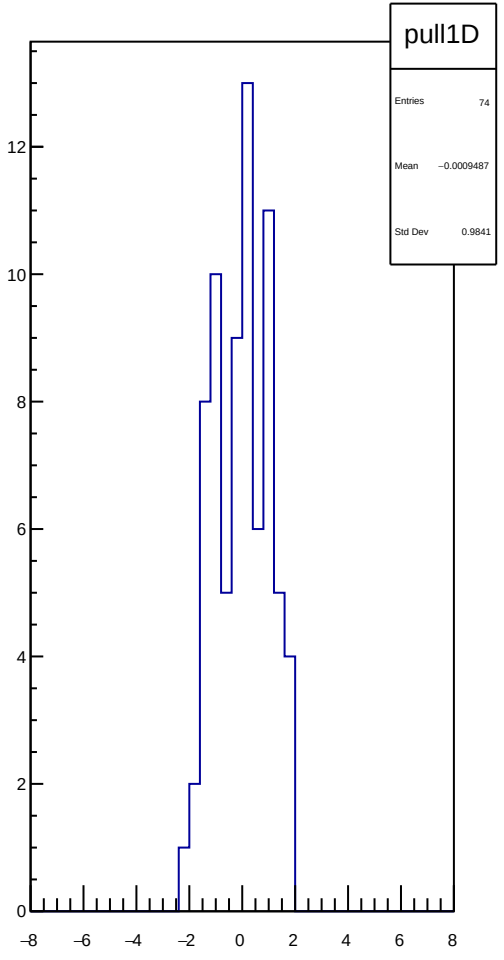

asym_sam_37_avg_rms vs run
χ² / ndf 2611 / 73
p0 2092 ± 1.747
2300
2200
2100
2000
1900

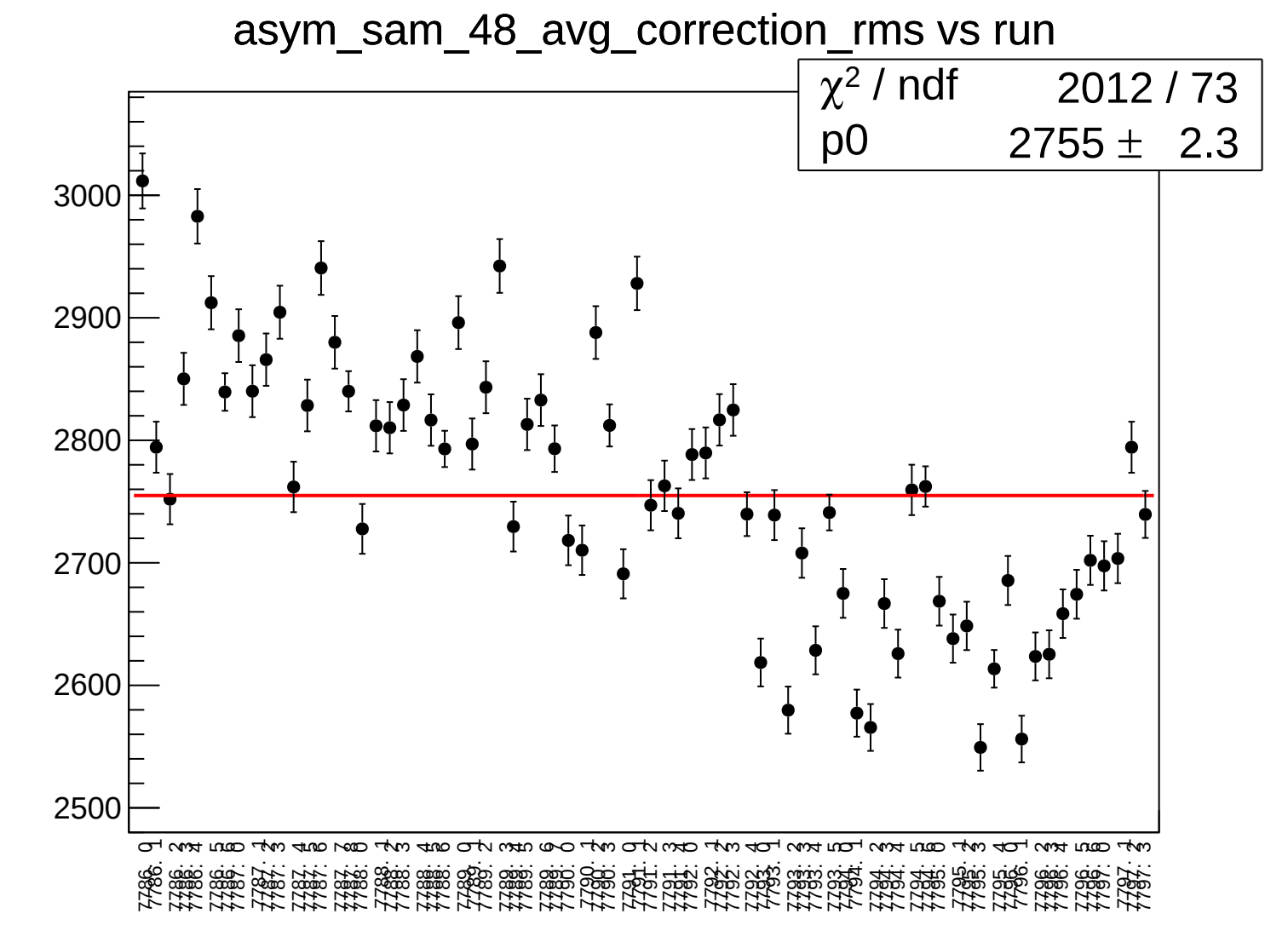

dit_asym_sam_48_avg_mean vs run
χ² / ndf 57 / 73
p0 −237.1± 271.8
pull
Entries 74
Mean −627.1
Std Dev 643

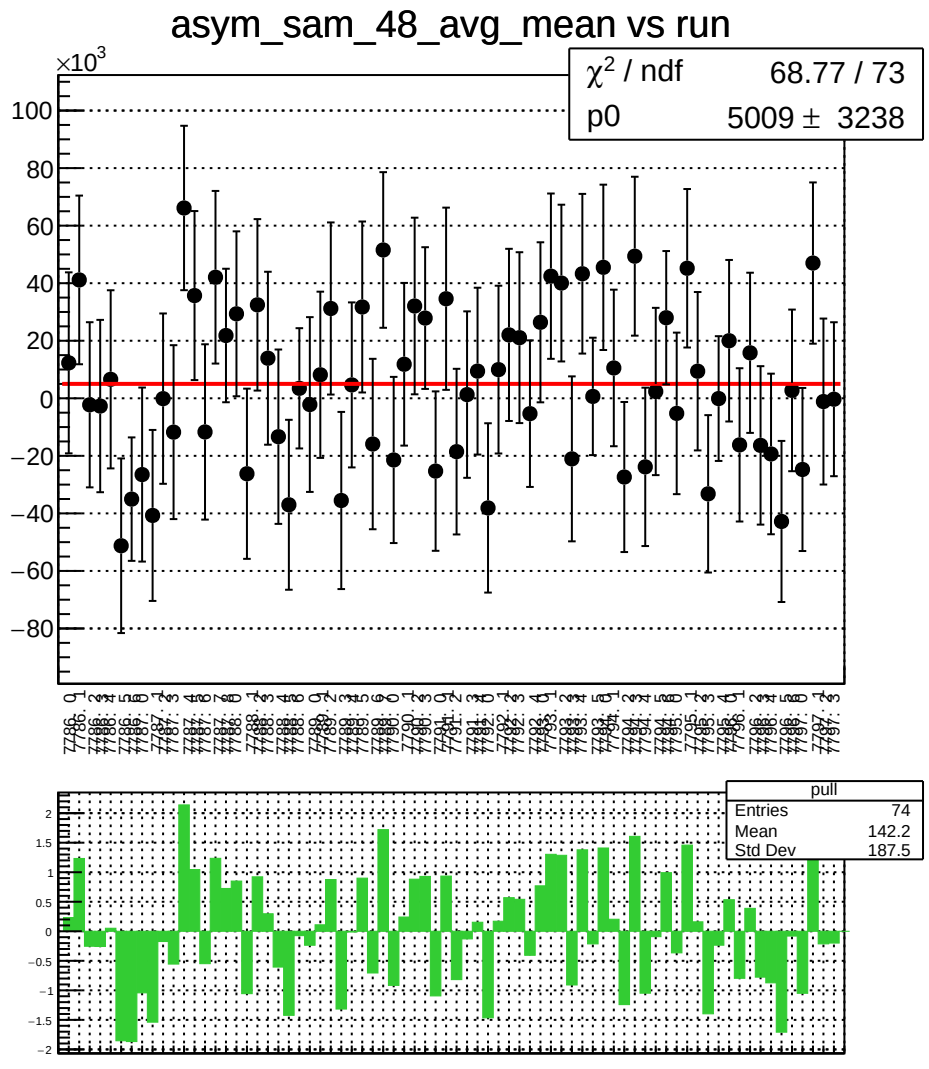

pull1D
Entries 74
Mean 0.0009774
Std Dev 0.8777

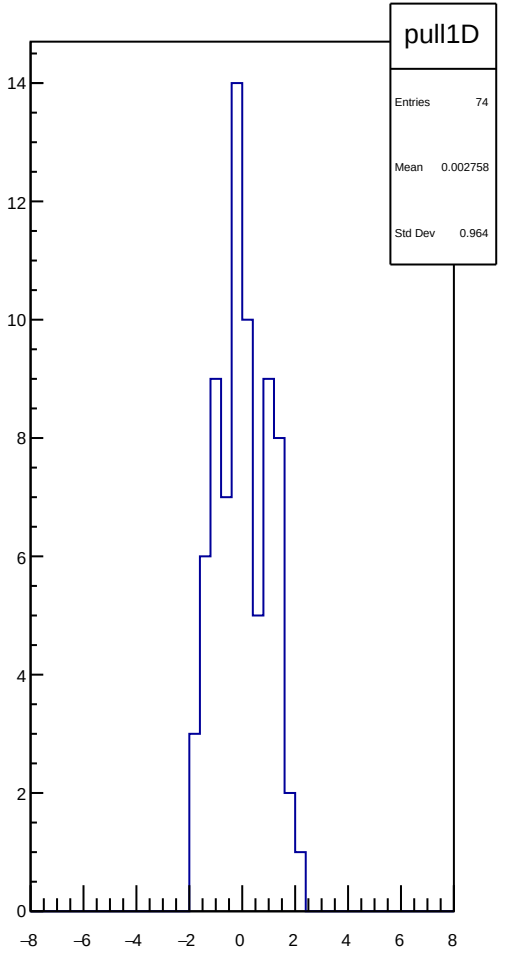

dit_asym_sam_48_avg_rms vs run
$\chi^2$ / ndf 9452 / 73
p0 229.6 ± 0.1922
450
400
350
300
250
200

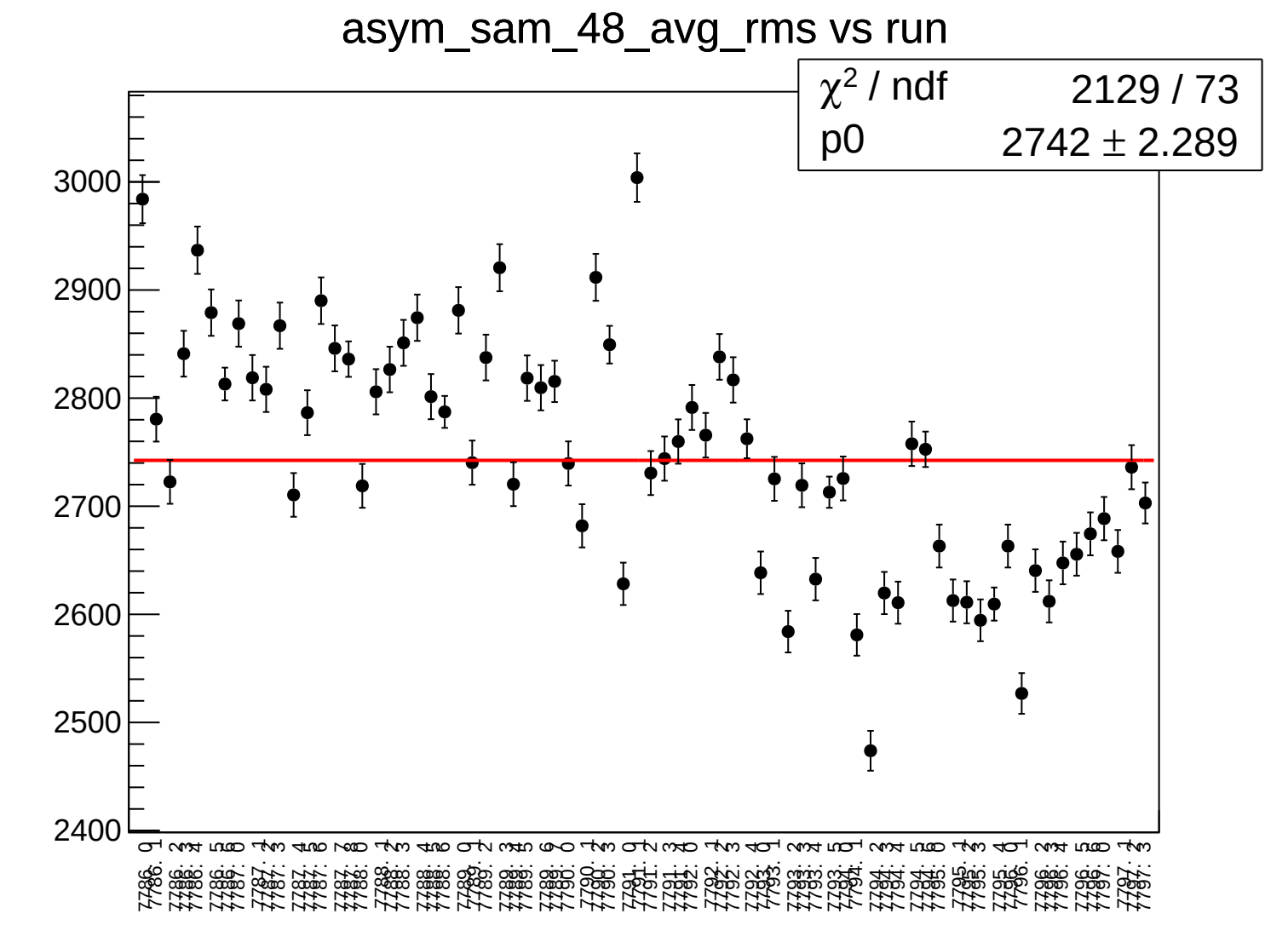

asym_sam_48_avg_correction_mean vs run
χ² / ndf 71.66 / 73
p0 −5339 ± 3252
×10³
pull
Entries 74
Mean 389.1
Std Dev 444.7

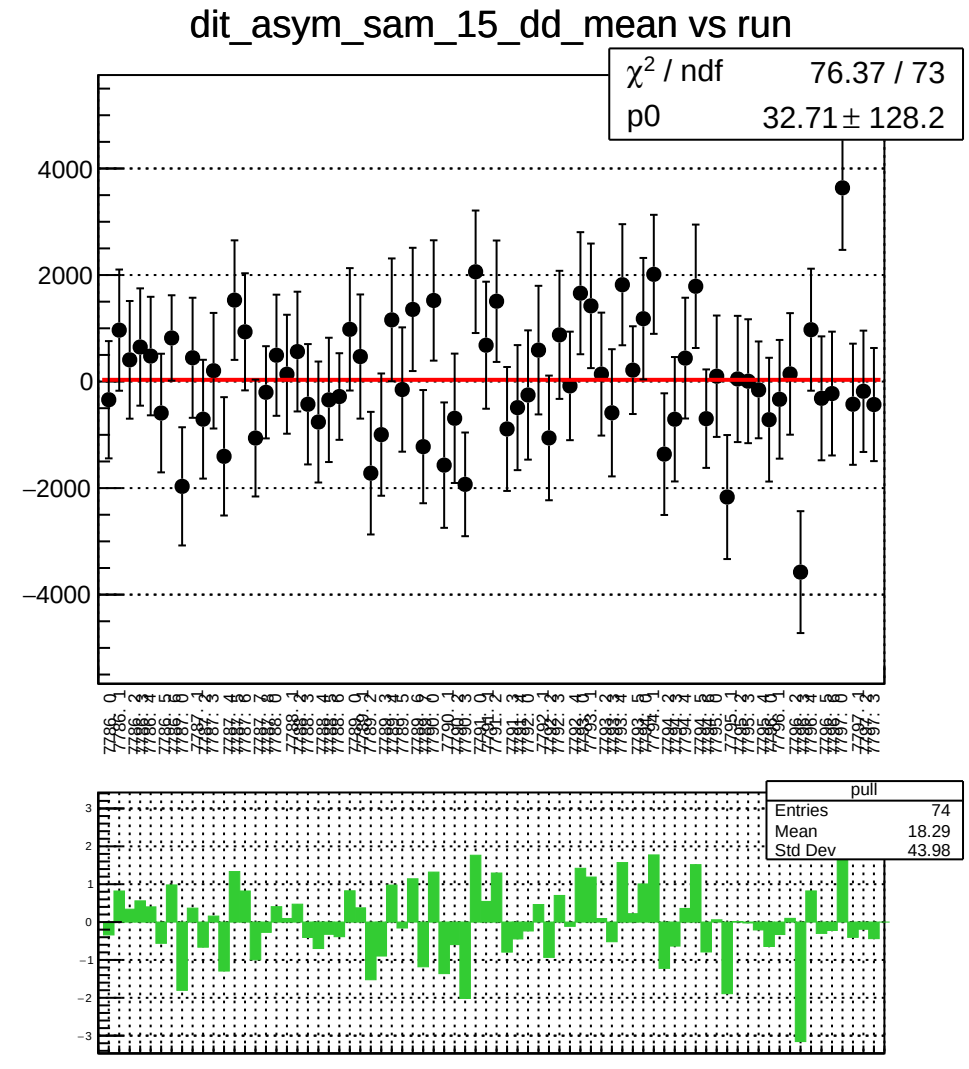

pull1D
Entries 74
Mean −0.0009487
Std Dev 0.9841

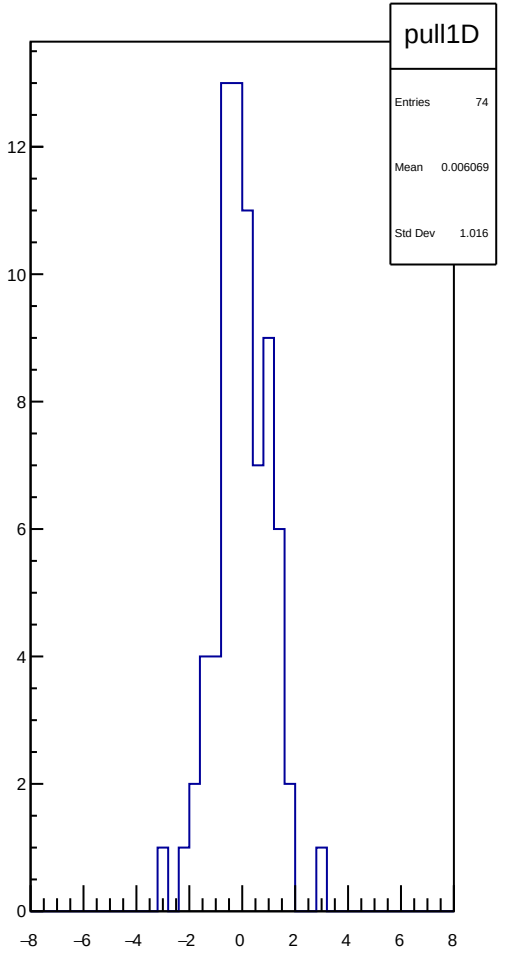

asym_sam_48_avg_correction_rms vs run
χ² / ndf 2012 / 73
p0 2755 ± 2.3
3000
2900
2800
2700
2600
2500

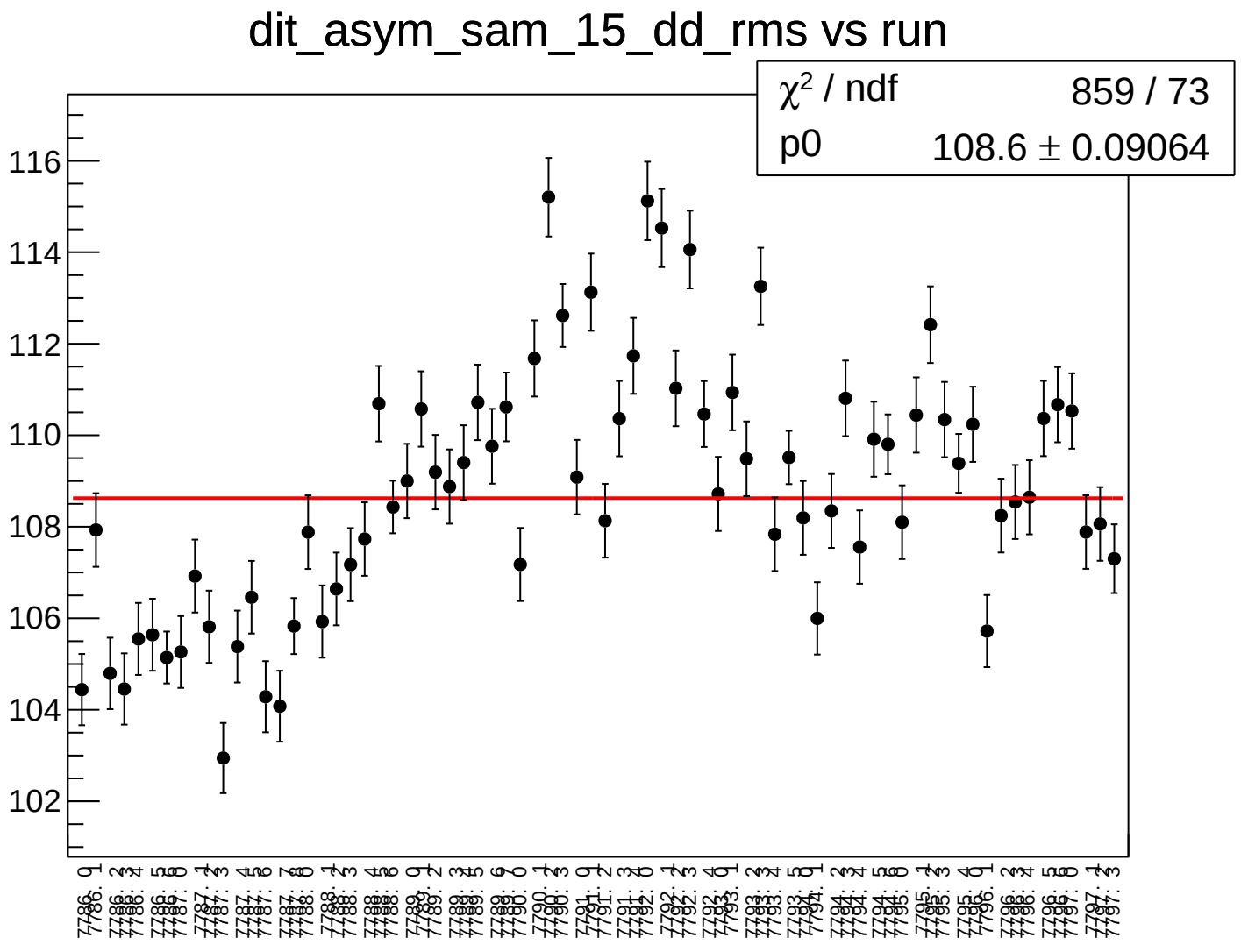

asym_sam_48_avg_mean vs run
×10^3
χ^2 / ndf 68.77 / 73
p0 5009 ± 3238
pull
Entries 74
Mean 142.2
Std Dev 187.5

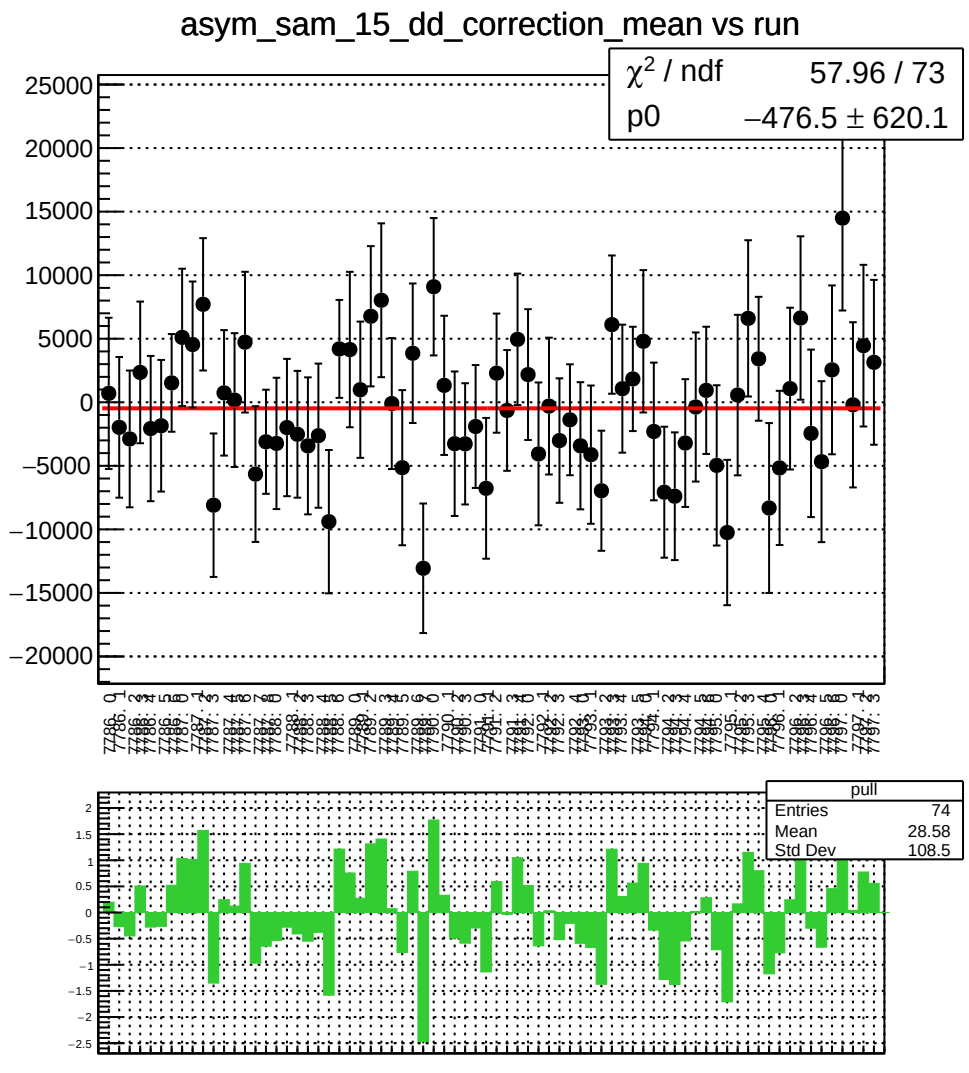

pull1D
Entries 74
Mean 0.002758
Std Dev 0.964

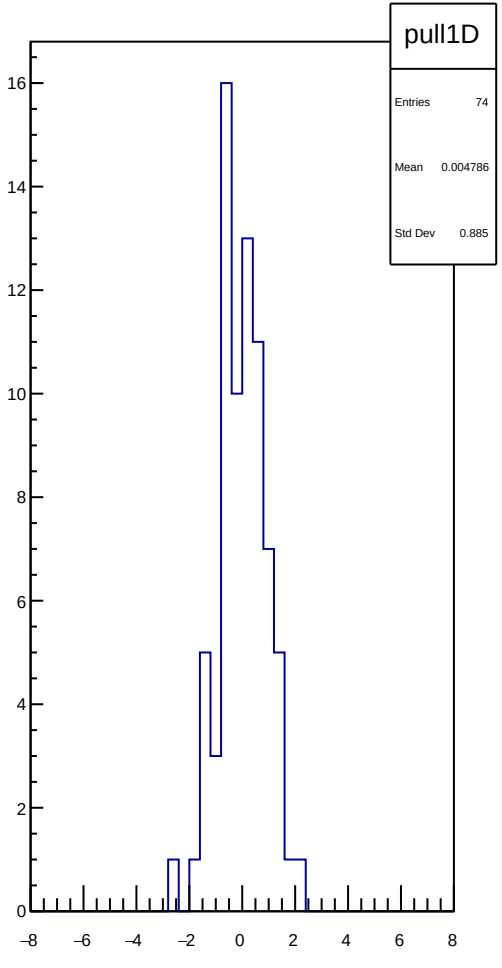

asym_sam_48_avg_rms vs run
$\chi^2$ / ndf 2129 / 73
p0 2742 ± 2.289
3000
2900
2800
2700
2600
2500
2400

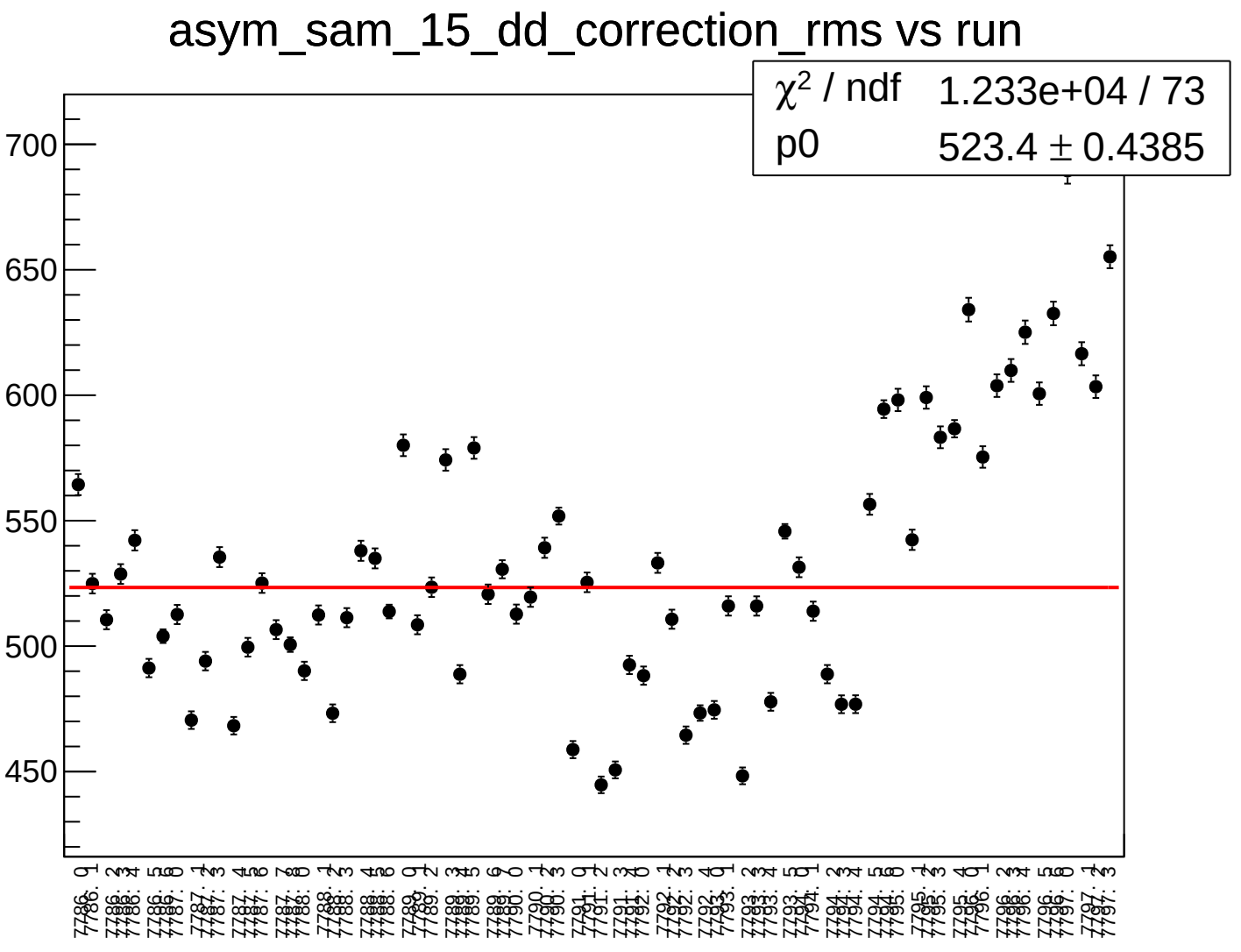

dit_asym_sam_15_dd_mean vs run
χ² / ndf 76.37 / 73
p0 32.71 ± 128.2
4000
2000
0
−2000
−4000
pull
Entries 74
Mean 18.29
Std Dev 43.98
3
2
1
0
−1
−2
−3

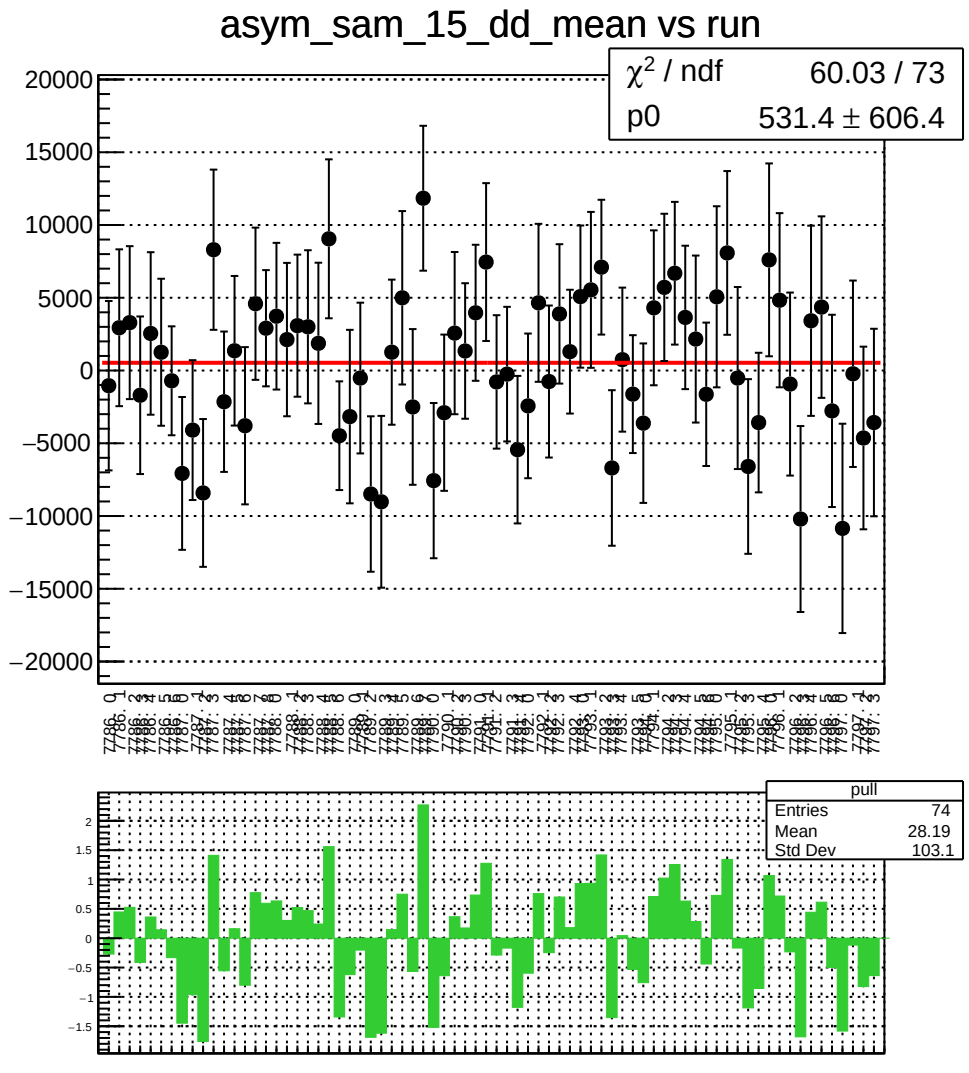

pull1D
Entries 74
Mean 0.006069
Std Dev 1.016
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

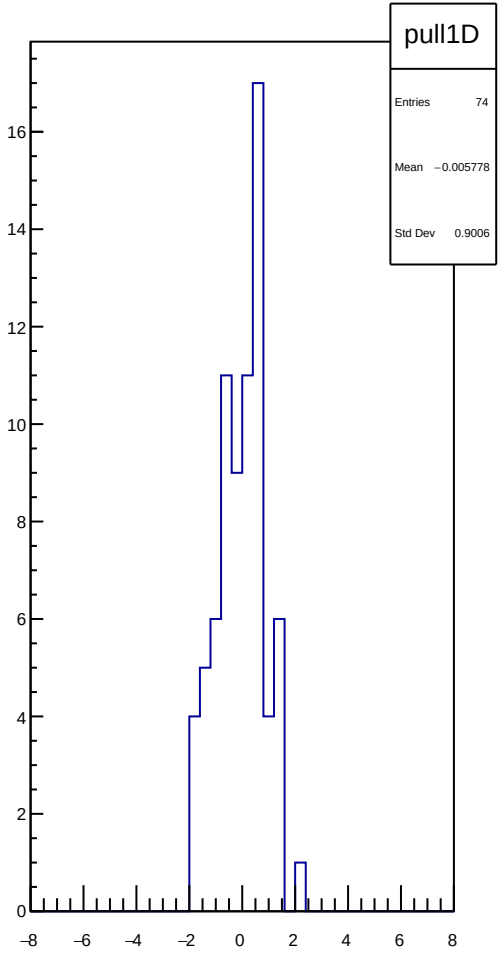

dit_asym_sam_15_dd_rms vs run
$\chi^2$ / ndf 859 / 73
p0 108.6 ± 0.09064
116
114
112
110
108
106
104
102

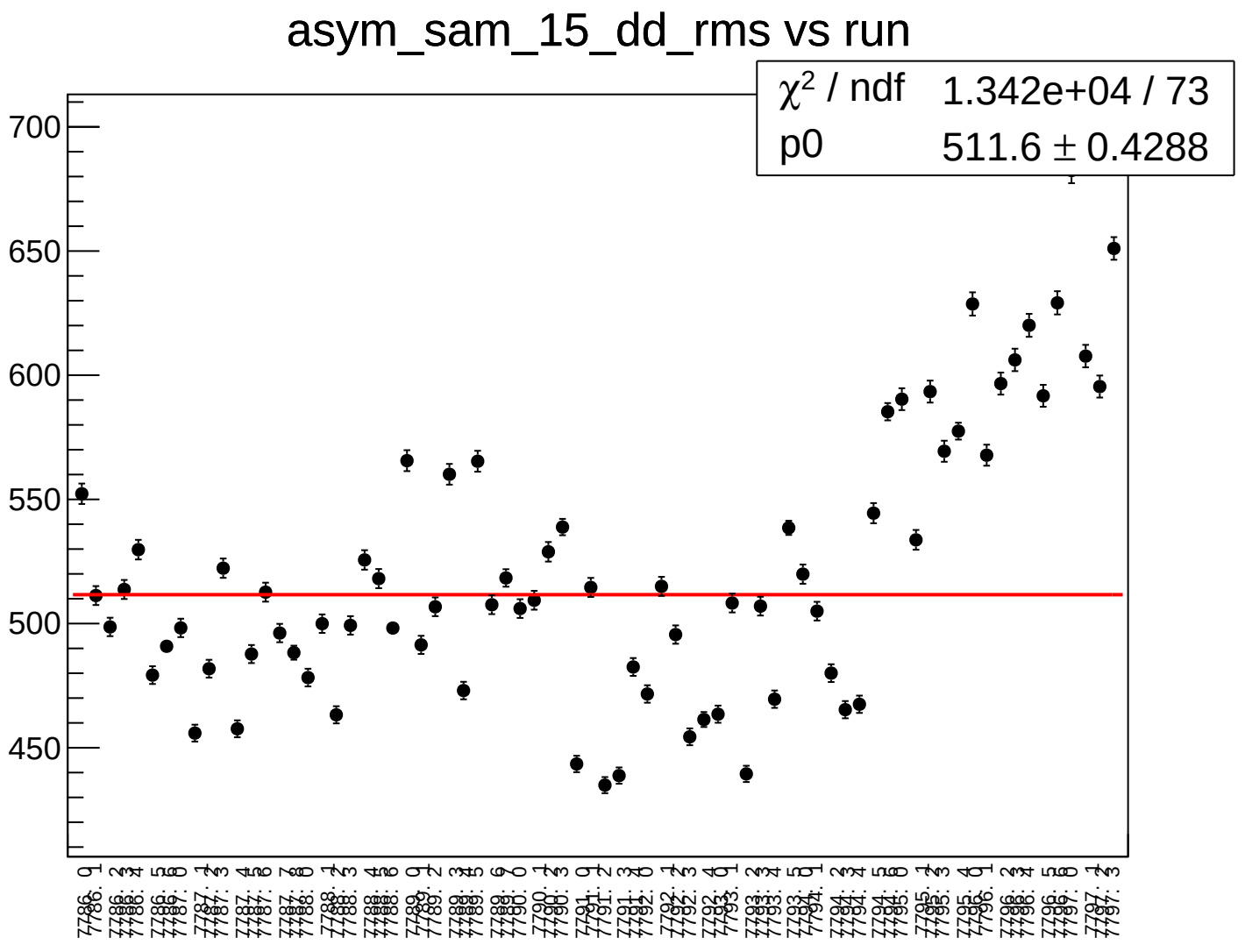

asym_sam_15_dd_correction_mean vs run
χ² / ndf 57.96 / 73
p0 −476.5 ± 620.1
pull
Entries 74
Mean 28.58
Std Dev 108.5

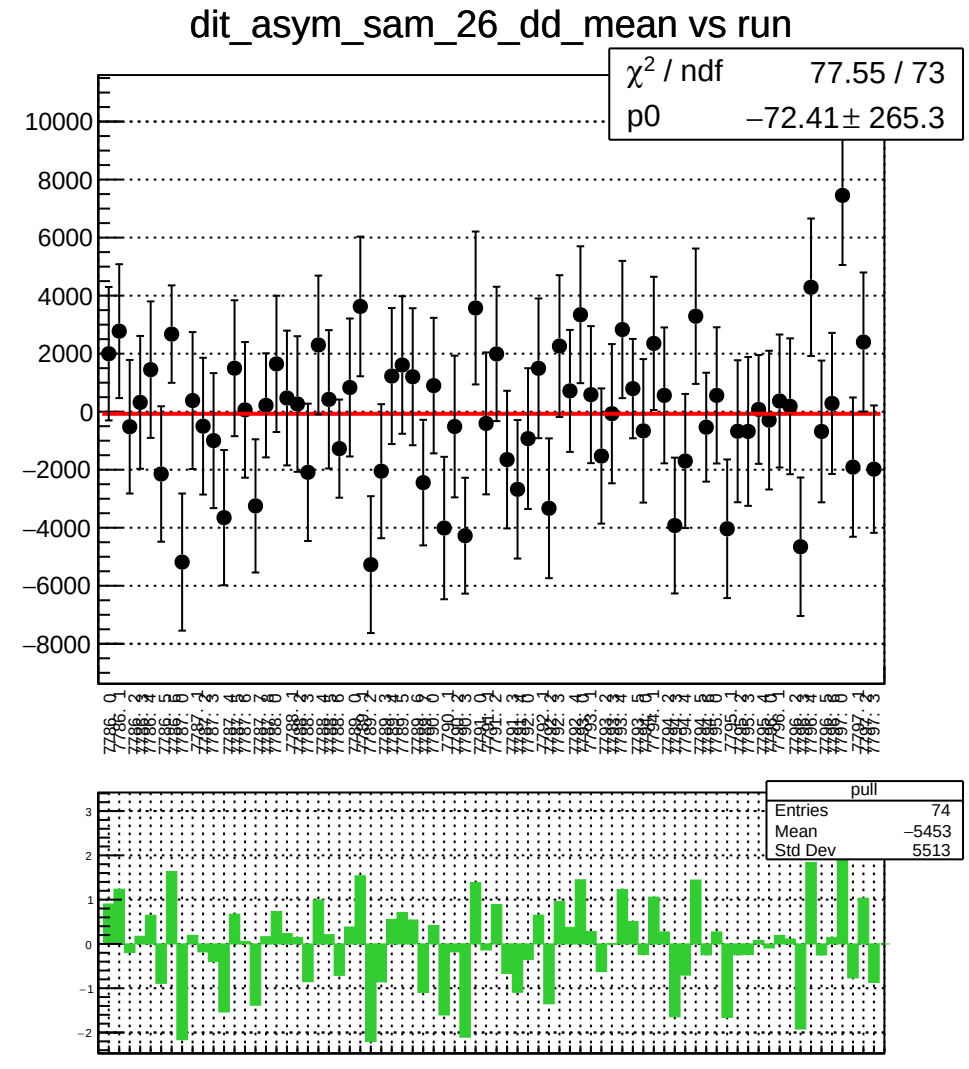

pull1D
Entries 74
Mean 0.004786
Std Dev 0.885

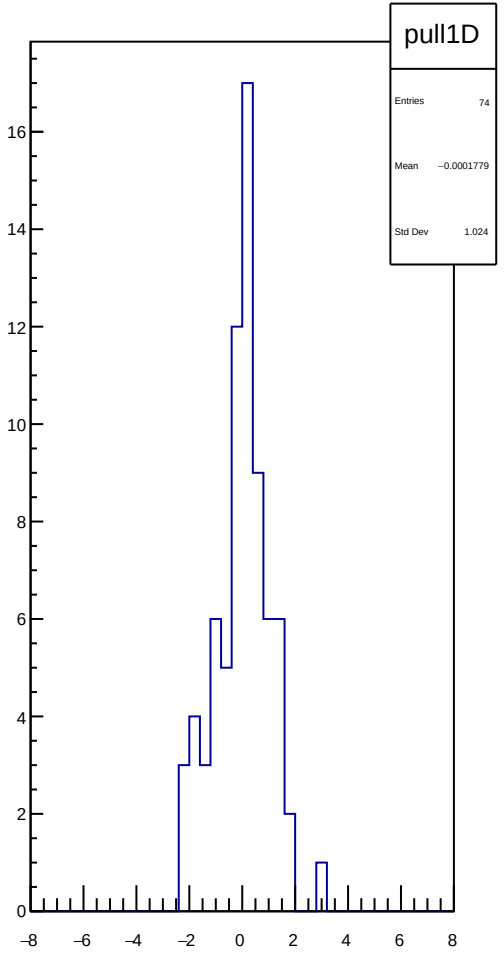

asym_sam_15_dd_correction_rms vs run
χ² / ndf 1.233e+04 / 73
p0 523.4 ± 0.4385
700
650
600
550
500
450

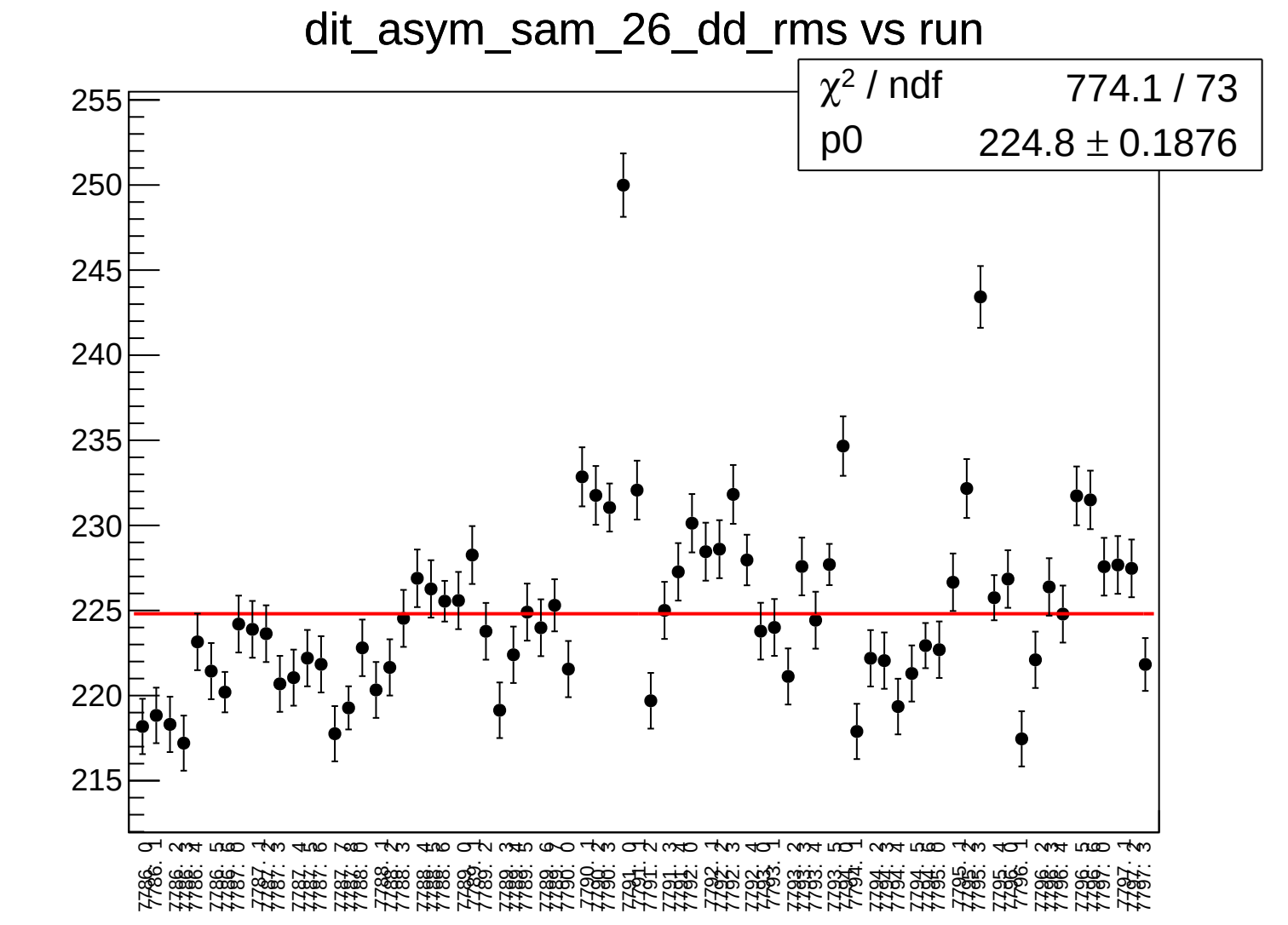

asym_sam_15_dd_mean vs run
χ² / ndf 60.03 / 73
p0 531.4 ± 606.4
pull
Entries 74
Mean 28.19
Std Dev 103.1

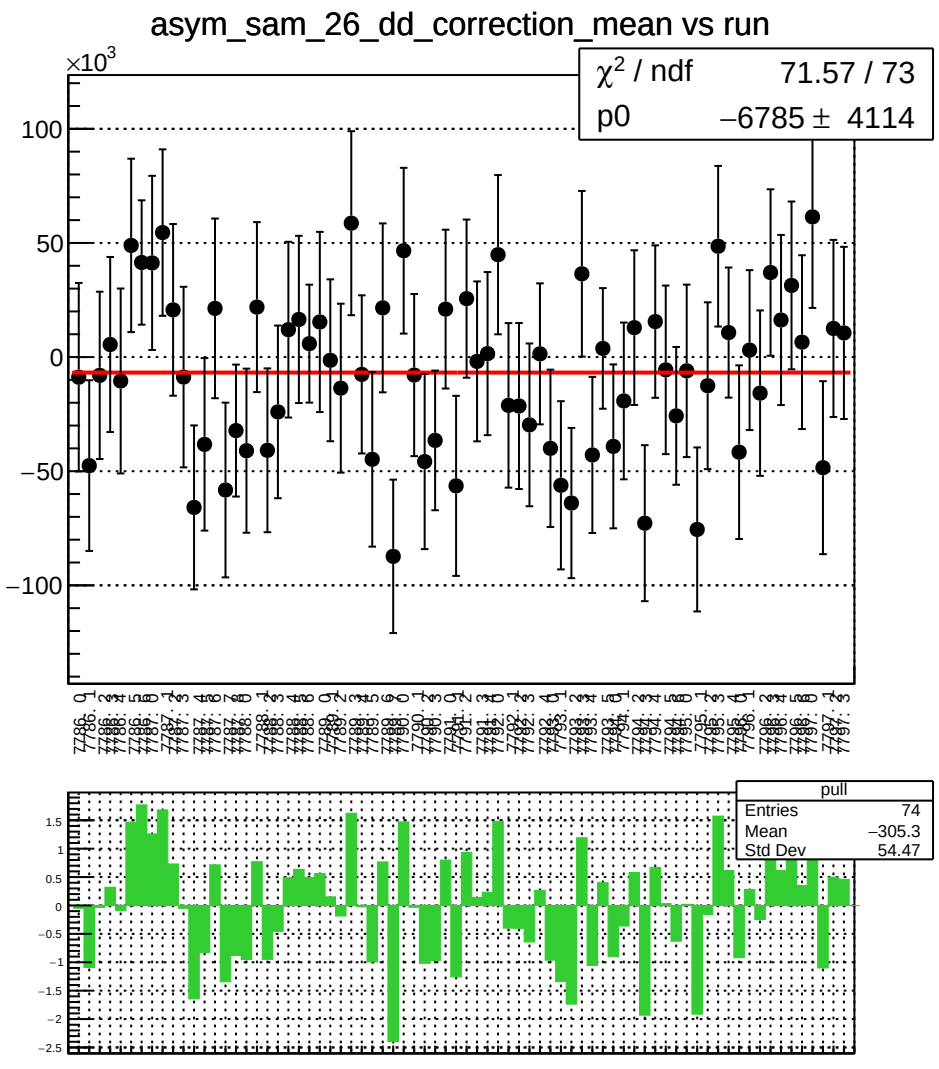

pull1D
Entries 74
Mean −0.005778
Std Dev 0.9006

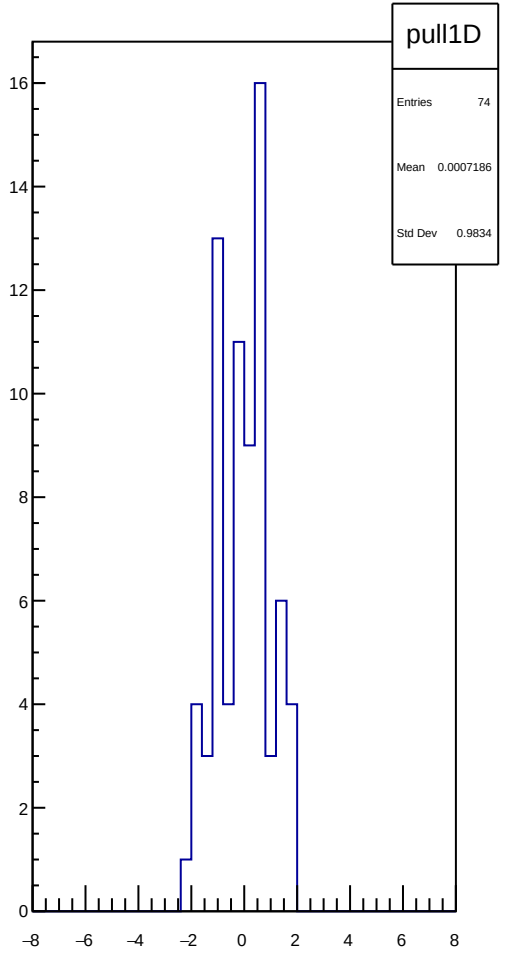

asym_sam_15_dd_rms vs run
χ² / ndf 1.342e+04 / 73
p0 511.6 ± 0.4288
700
650
600
550
500
450

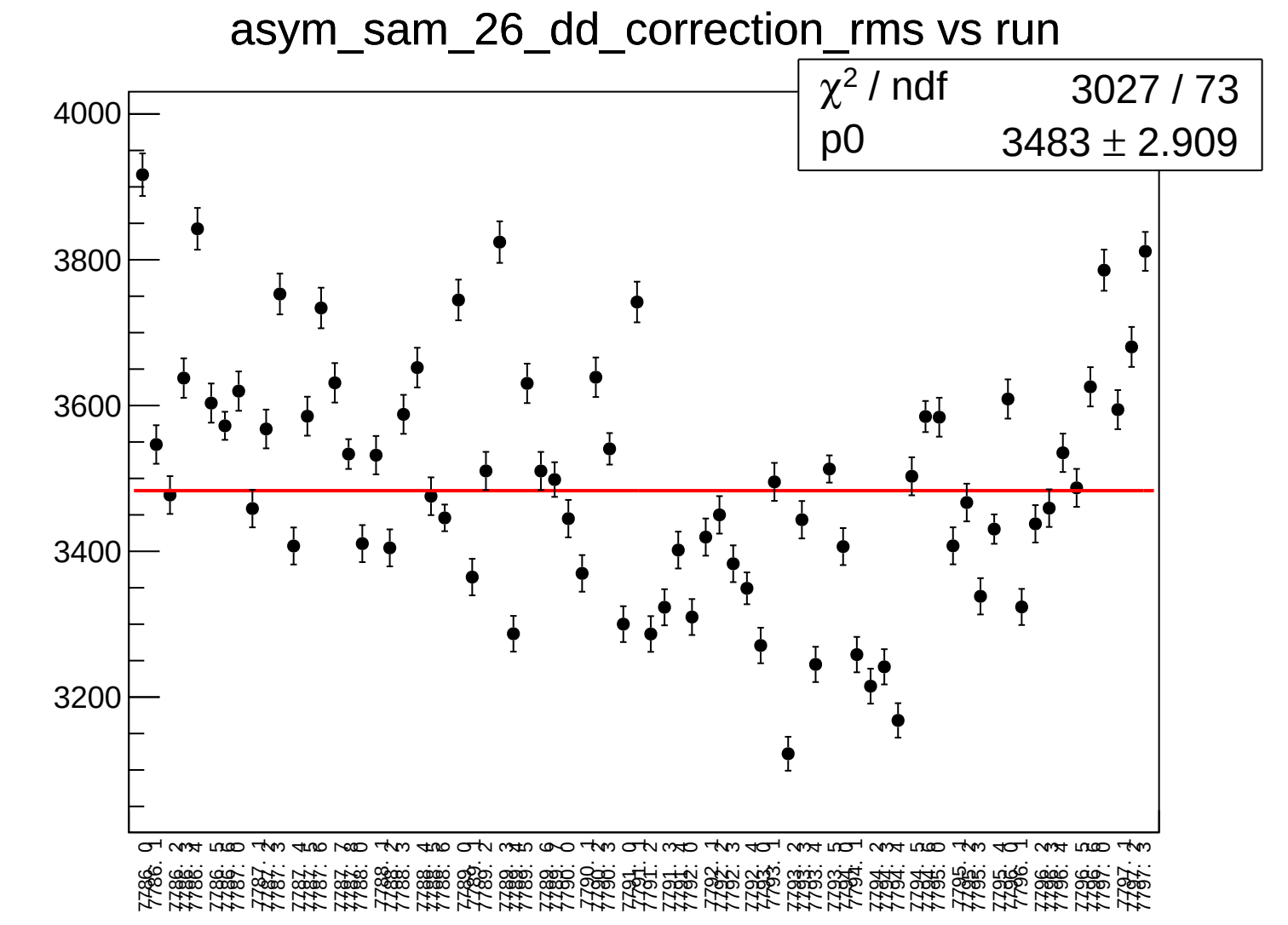

dit_asym_sam_26_dd_mean vs run
χ² / ndf 77.55 / 73
p0 −72.41 ± 265.3
pull
Entries 74
Mean −5453
Std Dev 5513

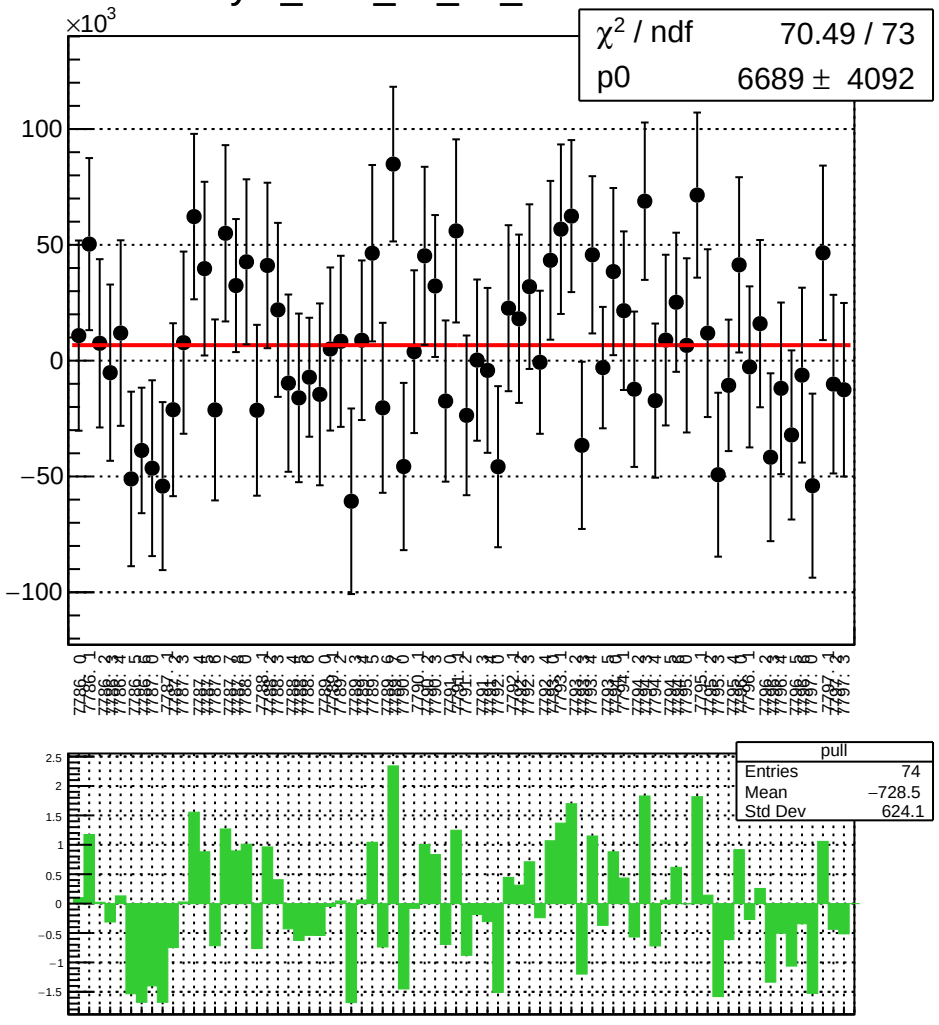

pull1D
Entries 74
Mean −0.0001779
Std Dev 1.024

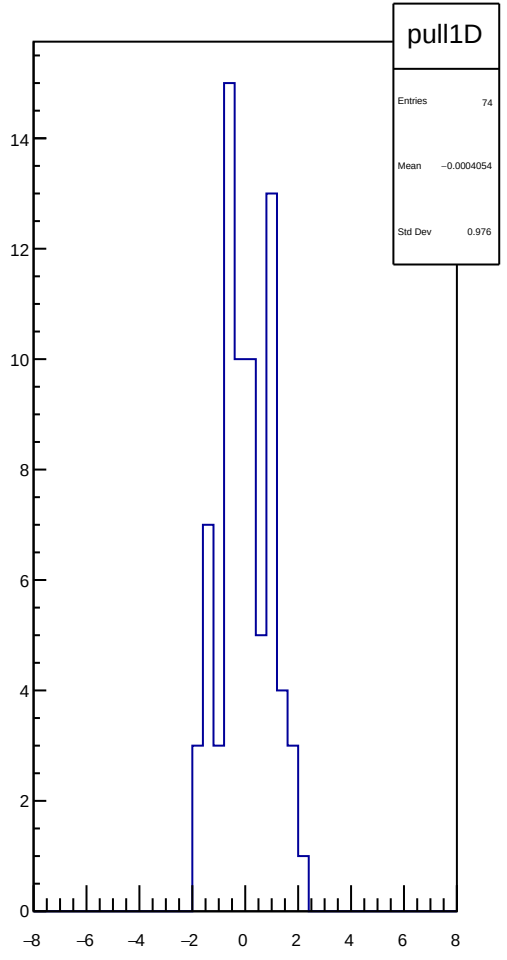

dit_asym_sam_26_dd_rms vs run
χ² / ndf 774.1 / 73
p0 224.8 ± 0.1876
255
250
245
240
235
230
225
220
215

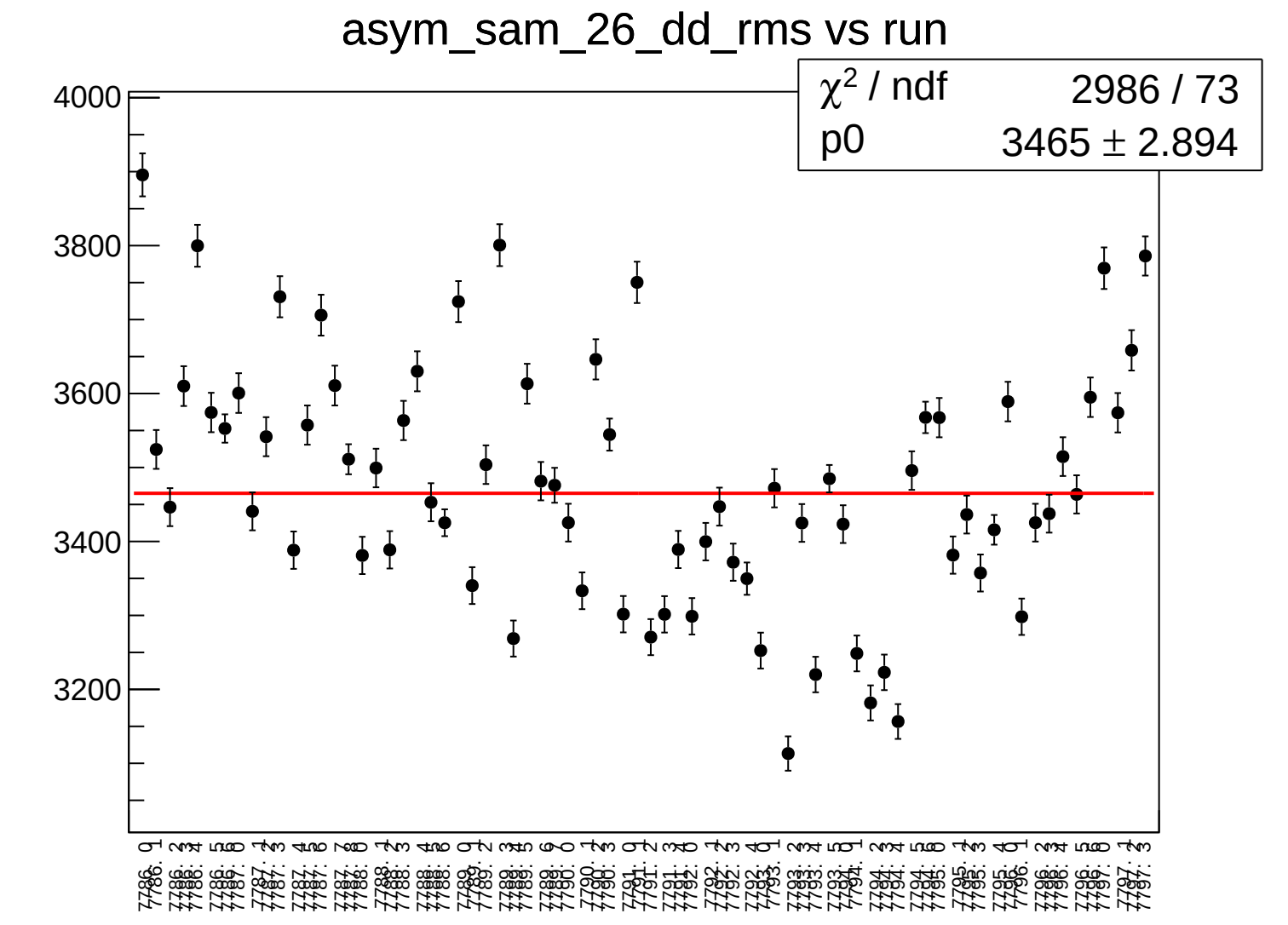

asym_sam_26_dd_correction_mean vs run
×10^3
χ² / ndf 71.57 / 73
p0 −6785 ± 4114
100
50
0
−50
−100
pull
Entries 74
Mean −305.3
Std Dev 54.47
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

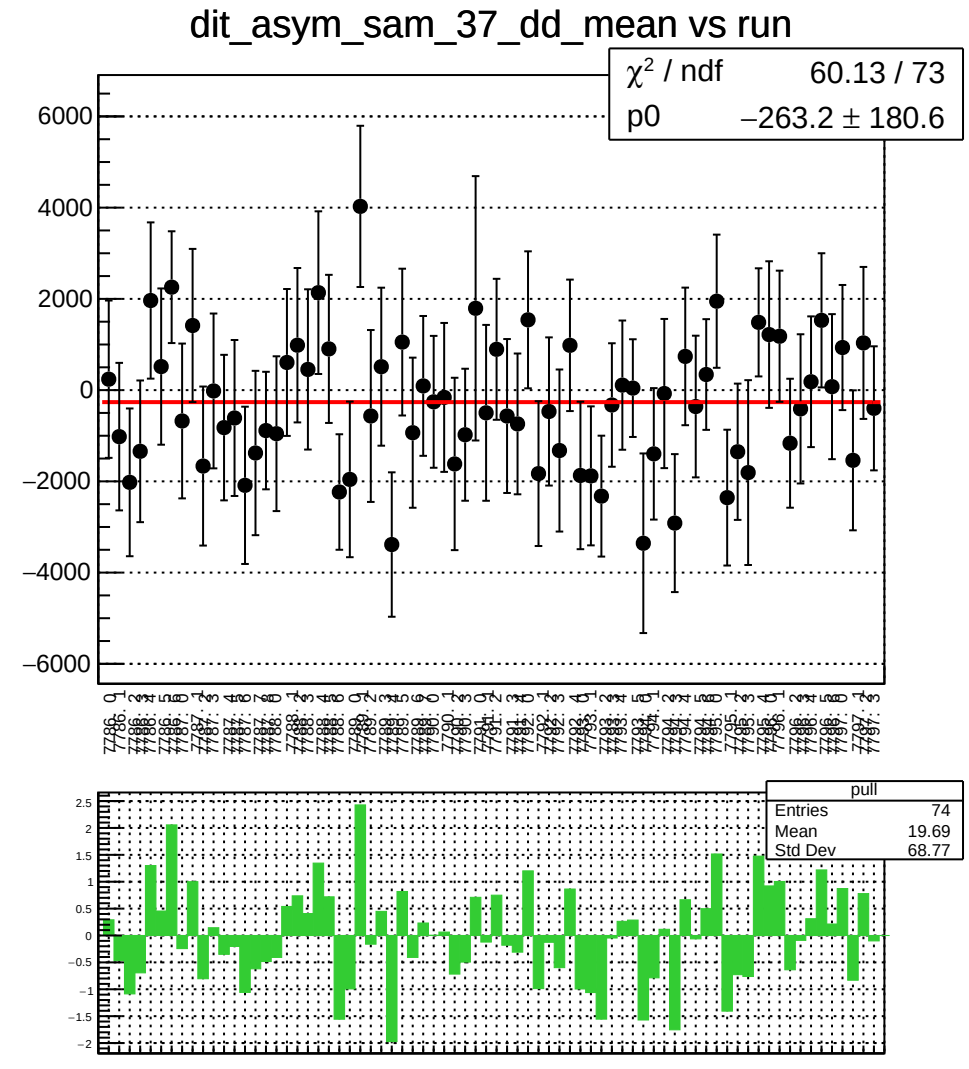

pull1D
Entries 74
Mean 0.0007186
Std Dev 0.9834
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

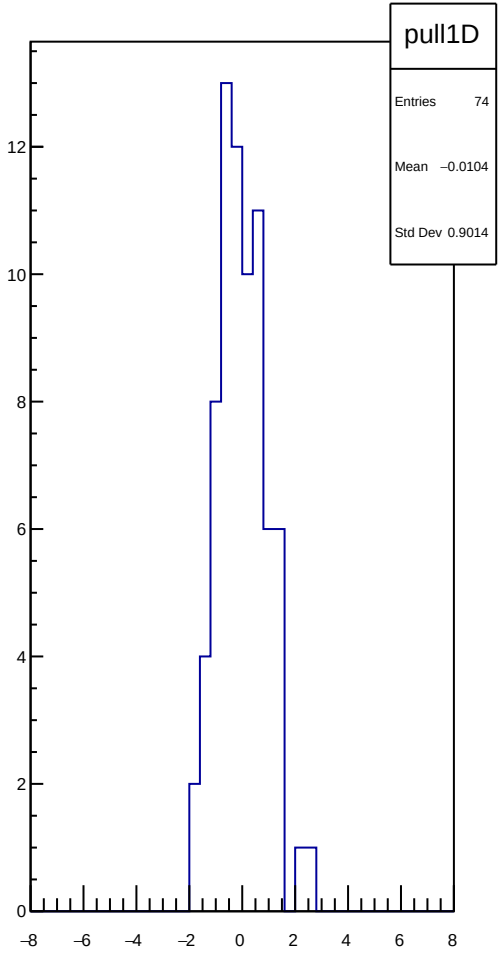

asym_sam_26_dd_correction_rms vs run
χ² / ndf 3027 / 73
p0 3483 ± 2.909
4000
3800
3600
3400
3200

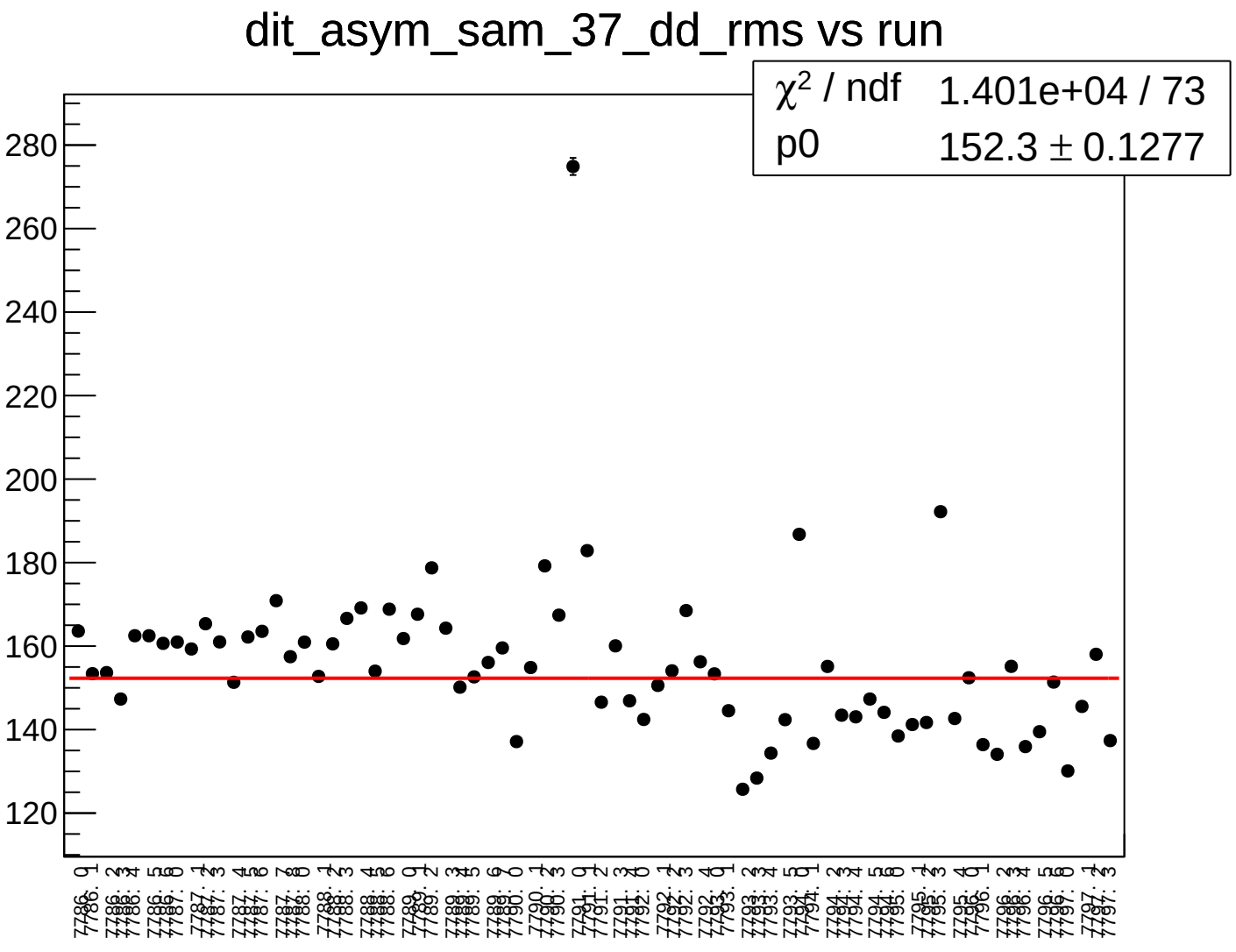

asym_sam_26_dd_mean vs run
×10^3
χ² / ndf 70.49 / 73
p0 6689 ± 4092
100
50
0
−50
−100
pull
Entries 74
Mean −728.5
Std Dev 624.1
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5

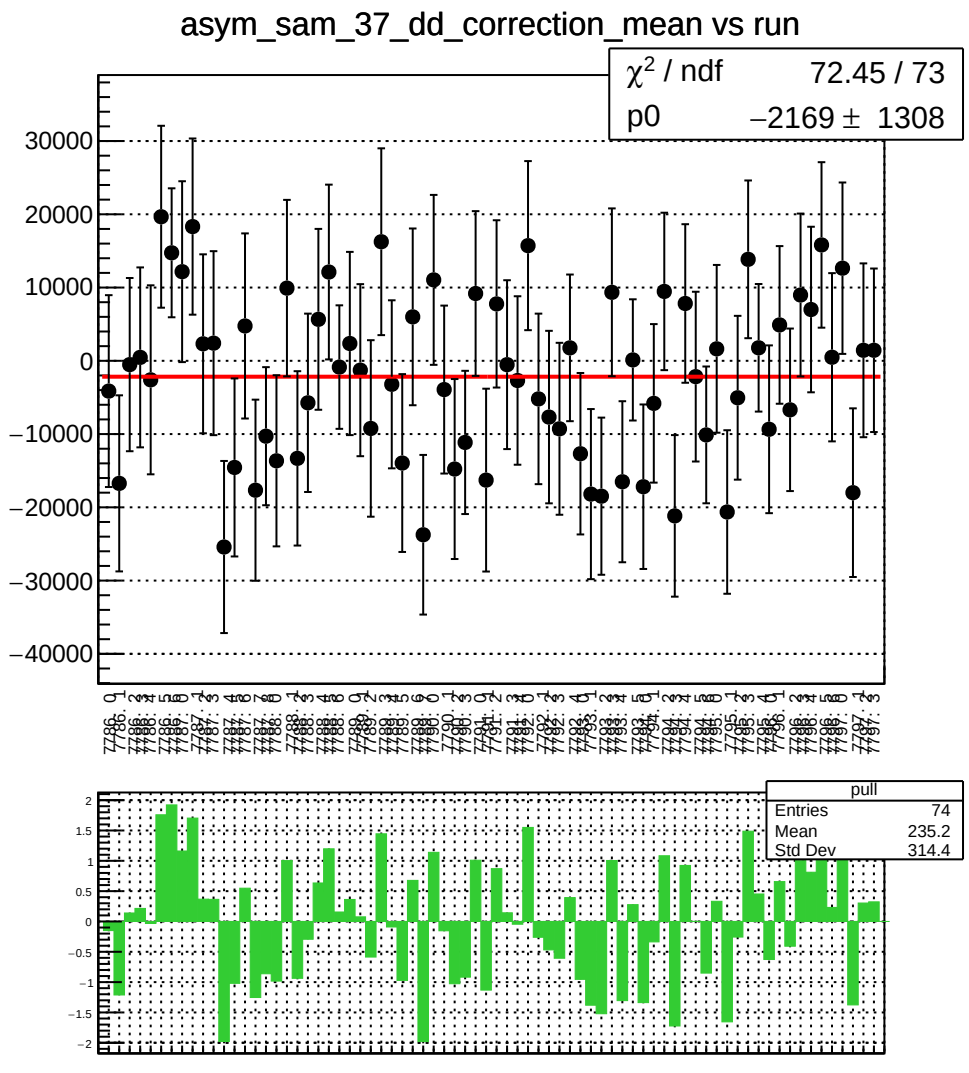

pull1D
Entries 74
Mean −0.0004054
Std Dev 0.976
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

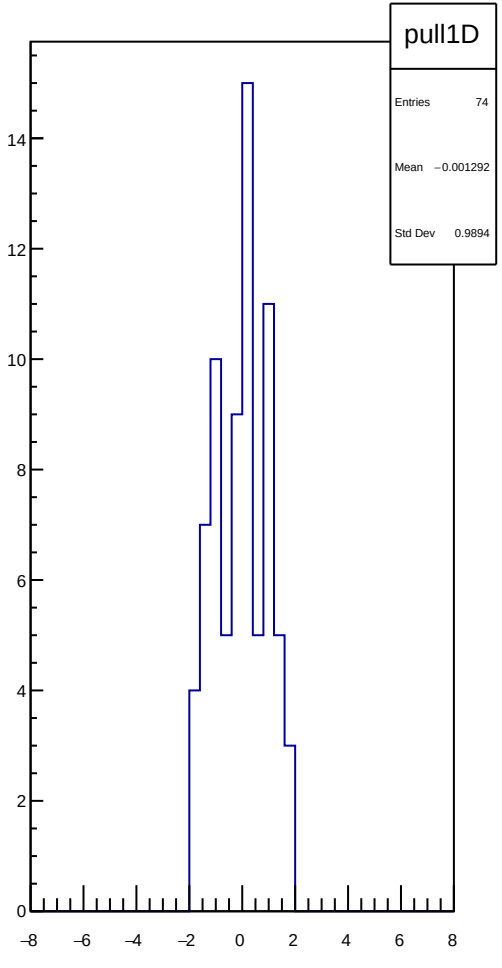

asym_sam_26_dd_rms vs run
χ² / ndf 2986 / 73
p0 3465 ± 2.894
4000
3800
3600
3400
3200

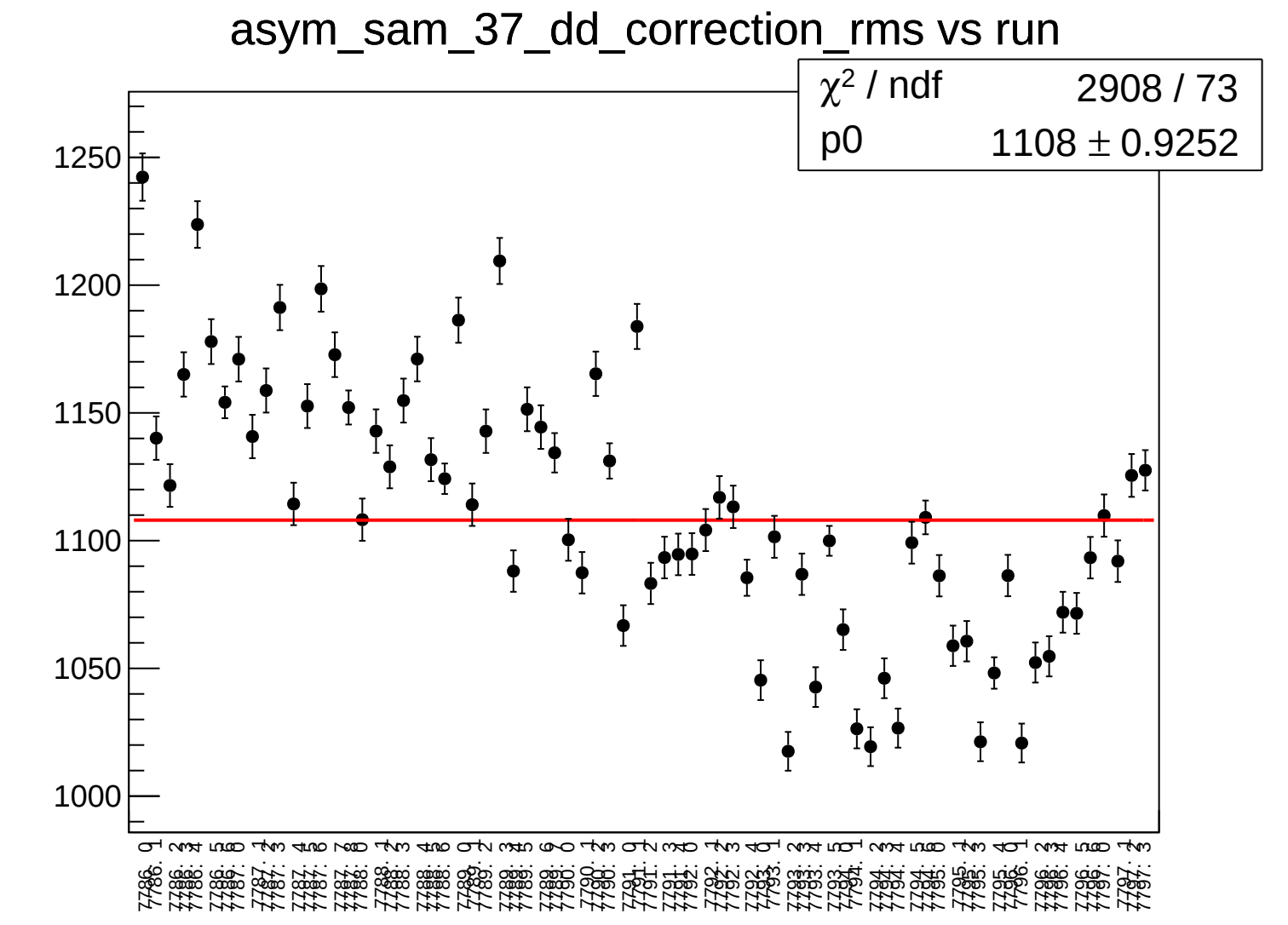

dit_asym_sam_37_dd_mean vs run
χ² / ndf 60.13 / 73
p0 −263.2 ± 180.6
pull
Entries 74
Mean 19.69
Std Dev 68.77

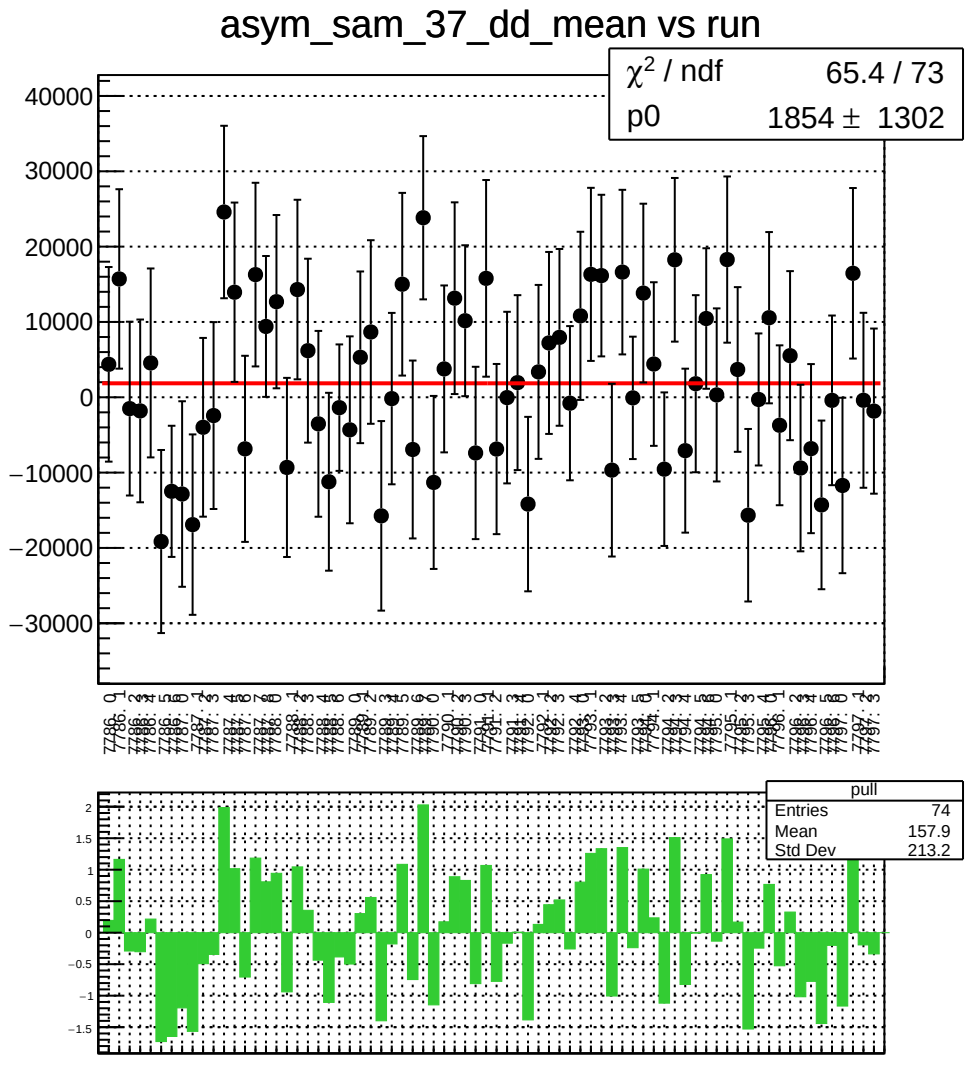

pull1D
Entries 74
Mean −0.0104
Std Dev 0.9014

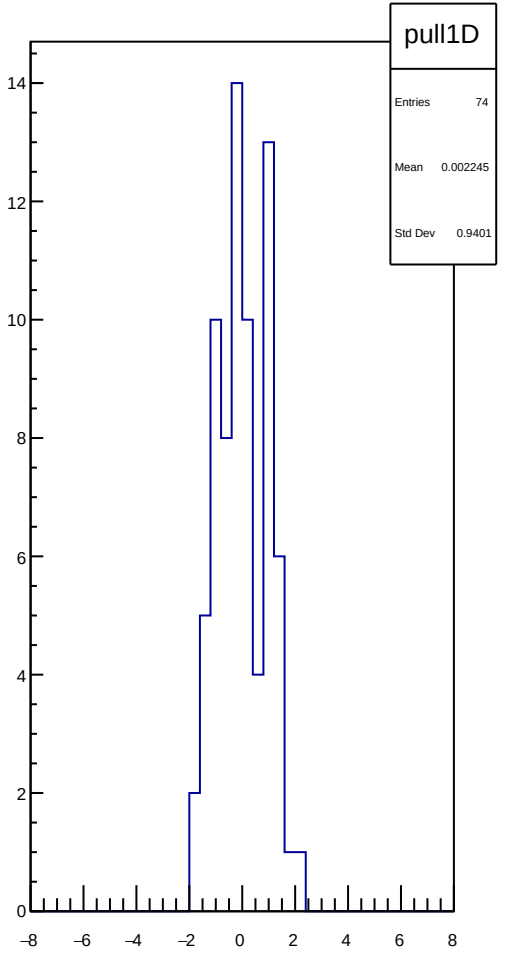

dit_asym_sam_37_dd_rms vs run
χ² / ndf 1.401e+04 / 73
p0 152.3 ± 0.1277
280
260
240
220
200
180
160
140
120

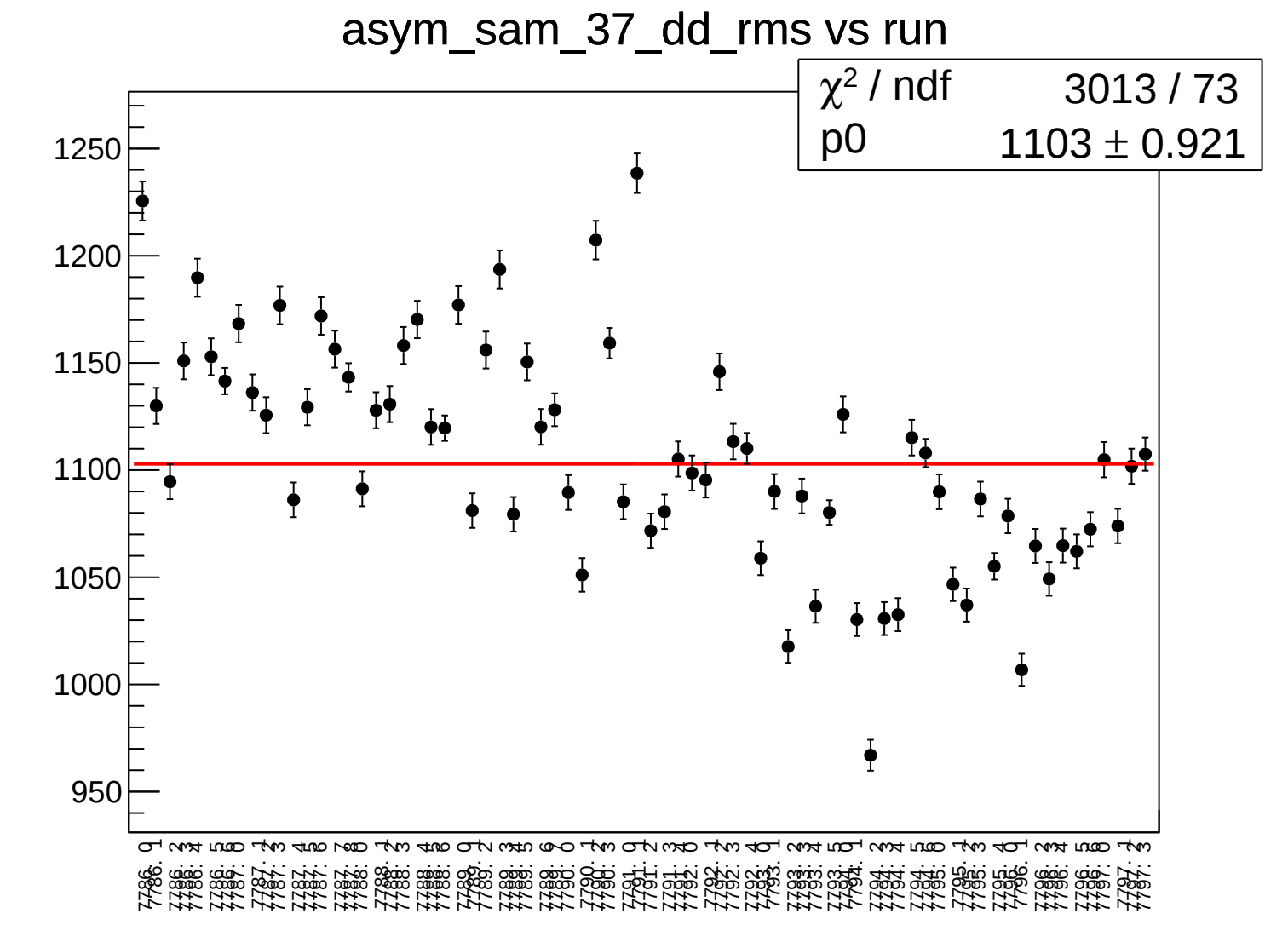

asym_sam_37_dd_correction_mean vs run
χ² / ndf 72.45 / 73
p0 −2169 ± 1308
pull
Entries 74
Mean 235.2
Std Dev 314.4

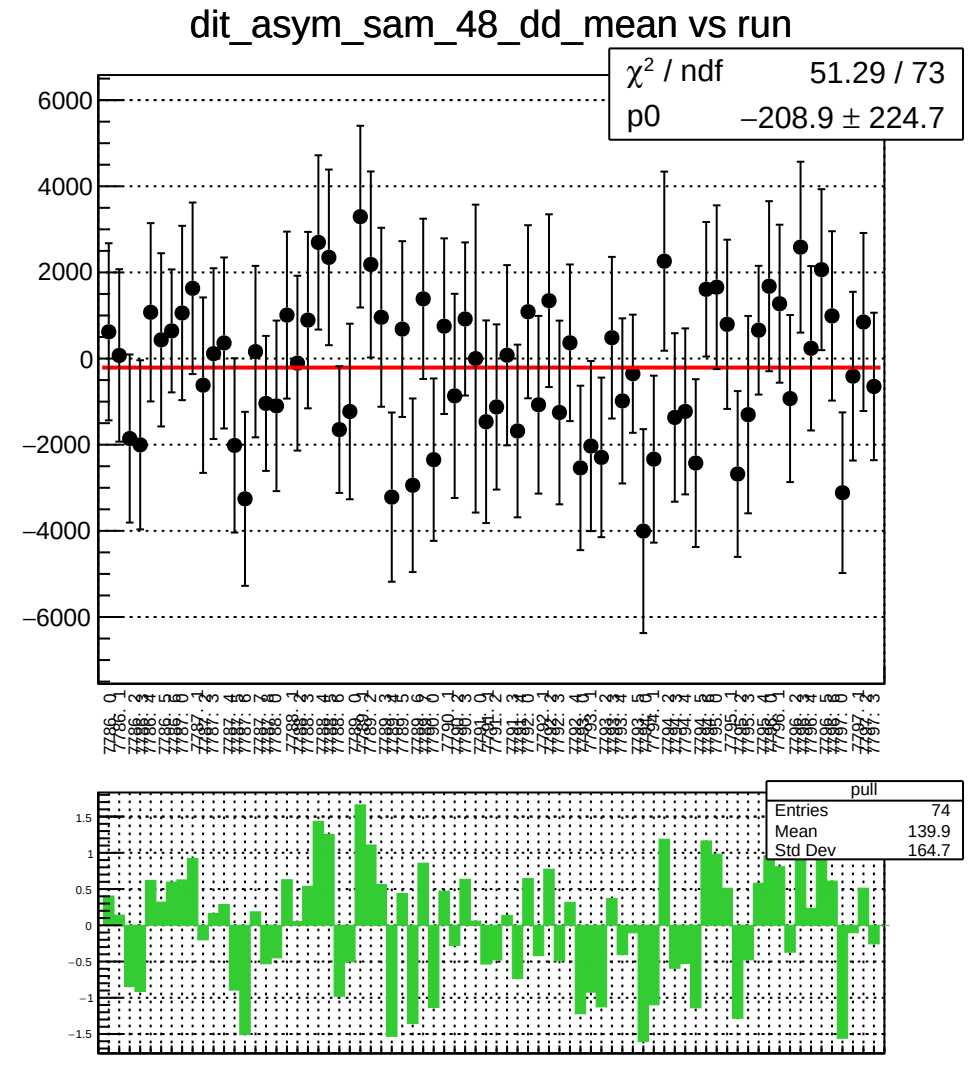

pull1D
Entries 74
Mean −0.001292
Std Dev 0.9894

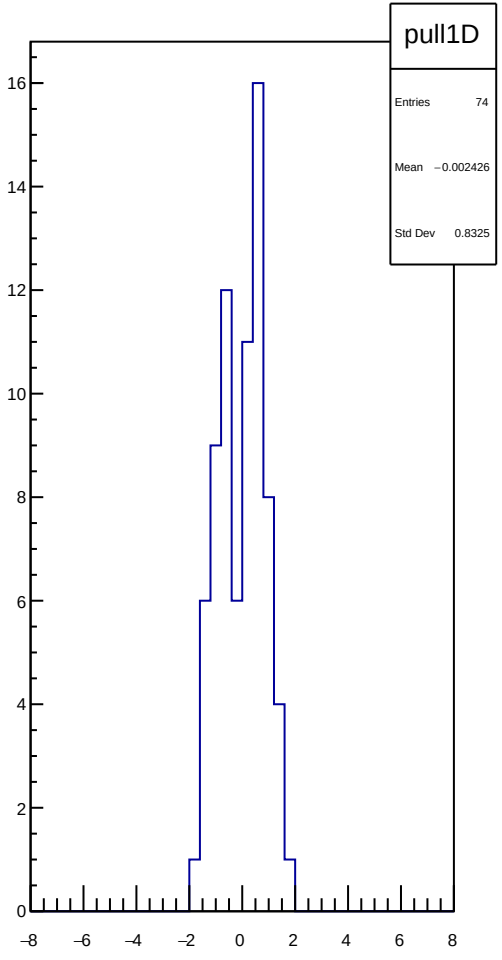

asym_sam_37_dd_correction_rms vs run
χ² / ndf 2908 / 73
p0 1108 ± 0.9252
1250
1200
1150
1100
1050
1000

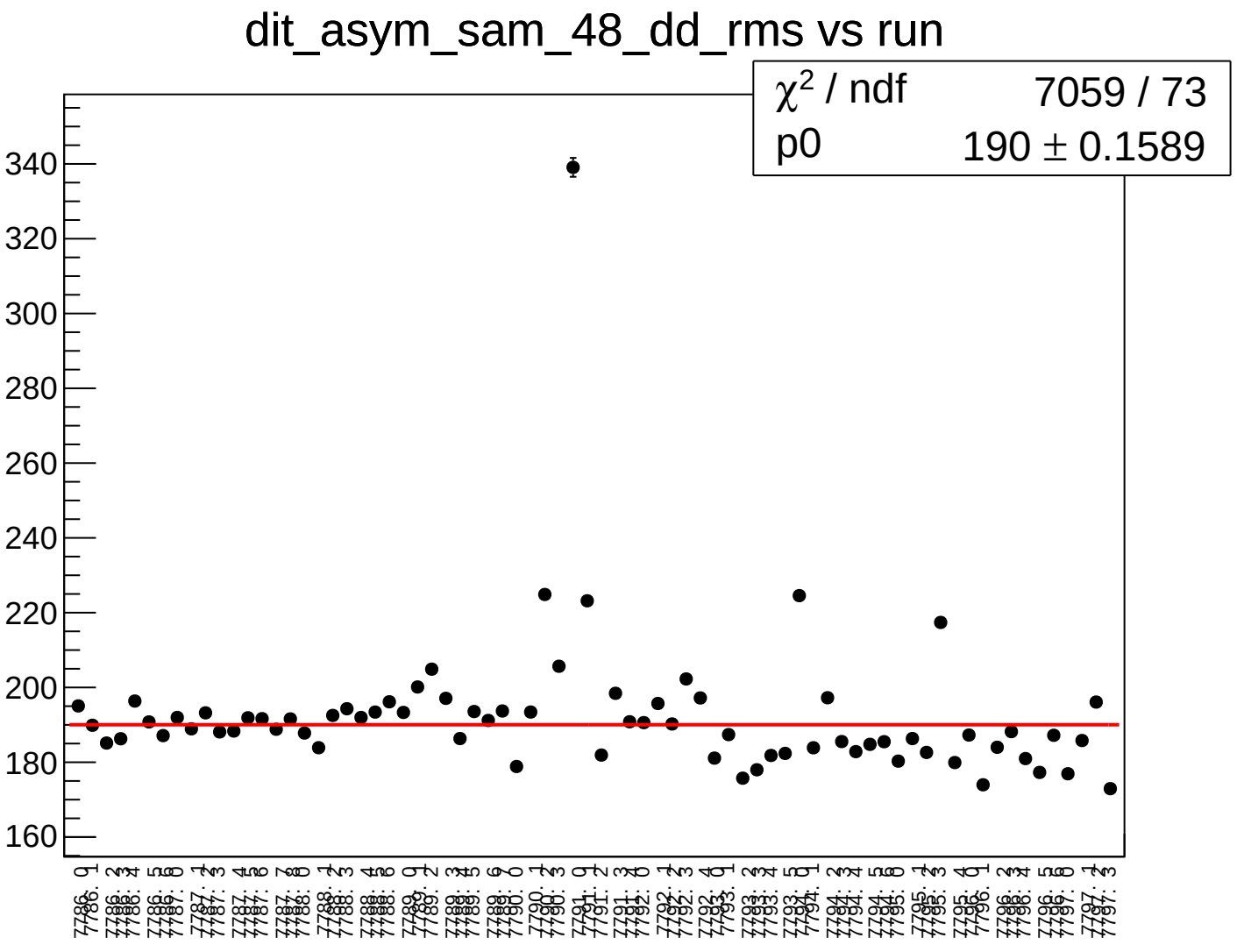

asym_sam_37_dd_mean vs run
χ² / ndf 65.4 / 73
p0 1854 ± 1302
pull
Entries 74
Mean 157.9
Std Dev 213.2

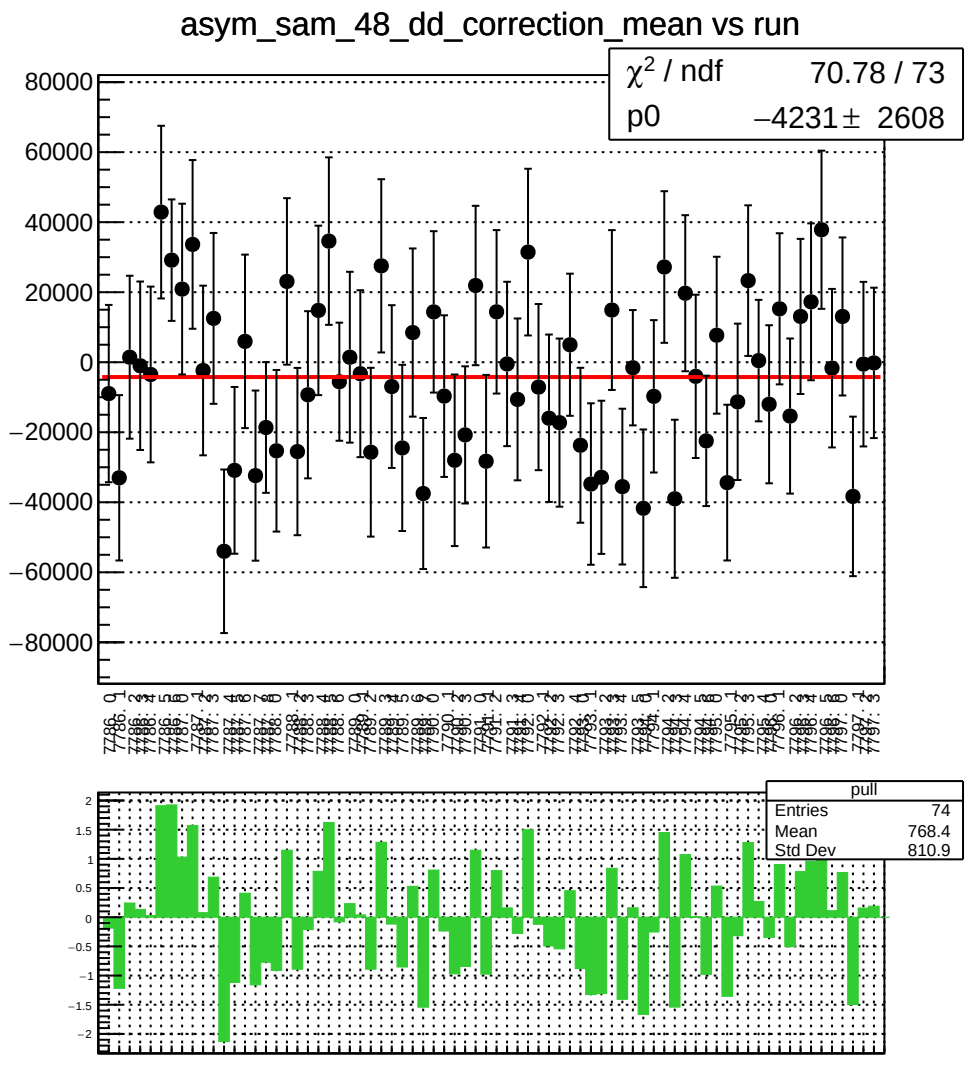

pull1D
Entries 74
Mean 0.002245
Std Dev 0.9401

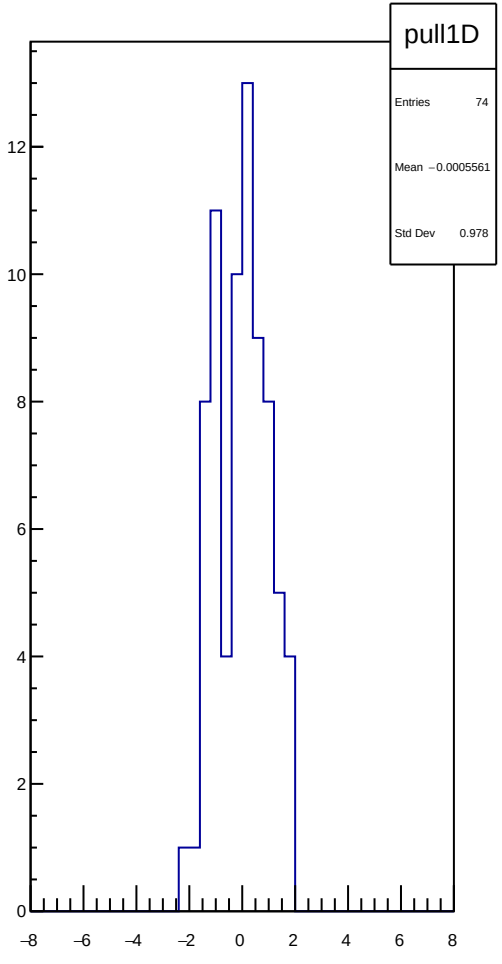

asym_sam_37_dd_rms vs run
χ² / ndf 3013 / 73
p0 1103 ± 0.921
1250
1200
1150
1100
1050
1000
950

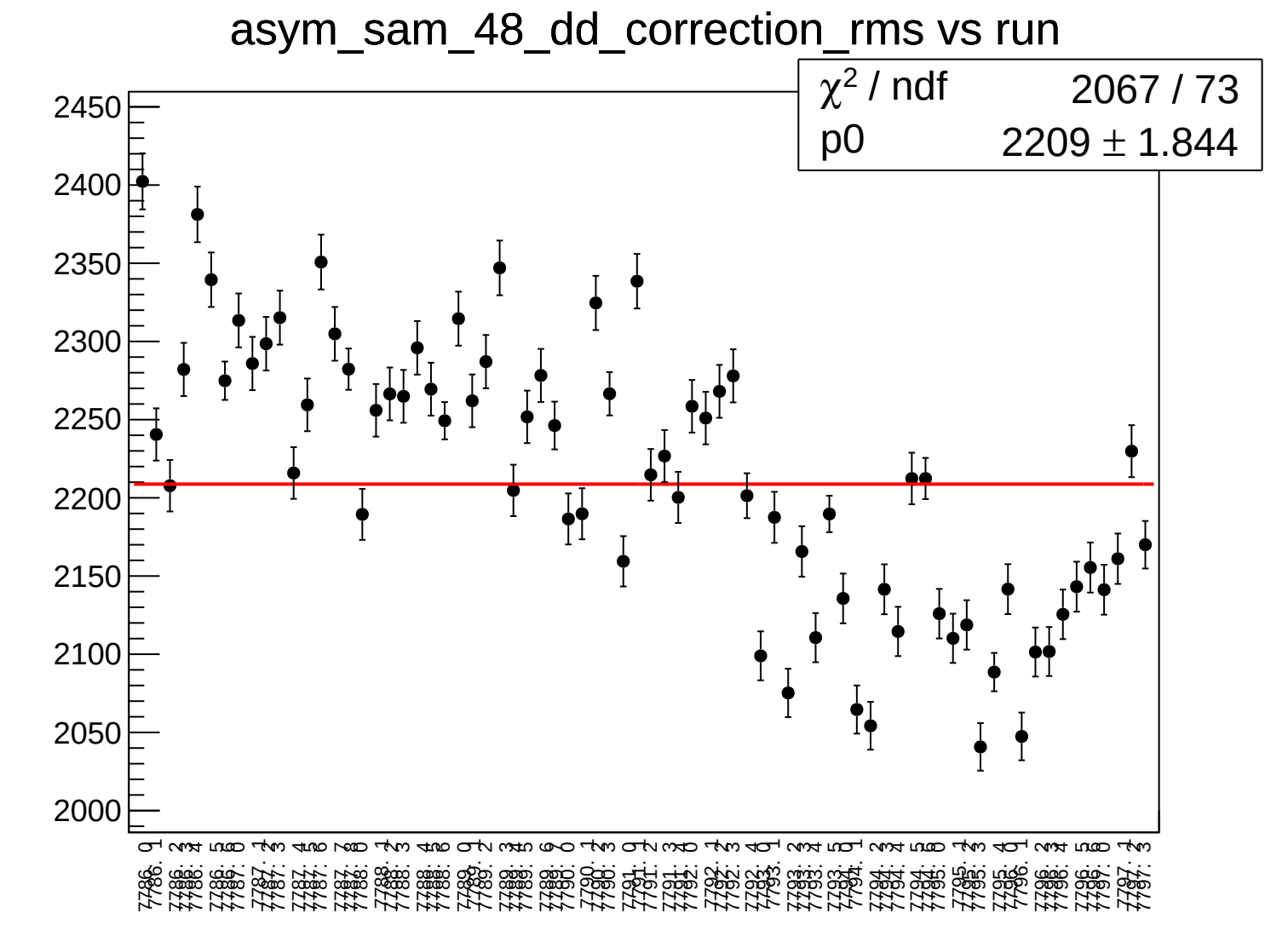

dit_asym_sam_48_dd_mean vs run
χ² / ndf 51.29 / 73
p0 −208.9 ± 224.7
pull
Entries 74
Mean 139.9
Std Dev 164.7

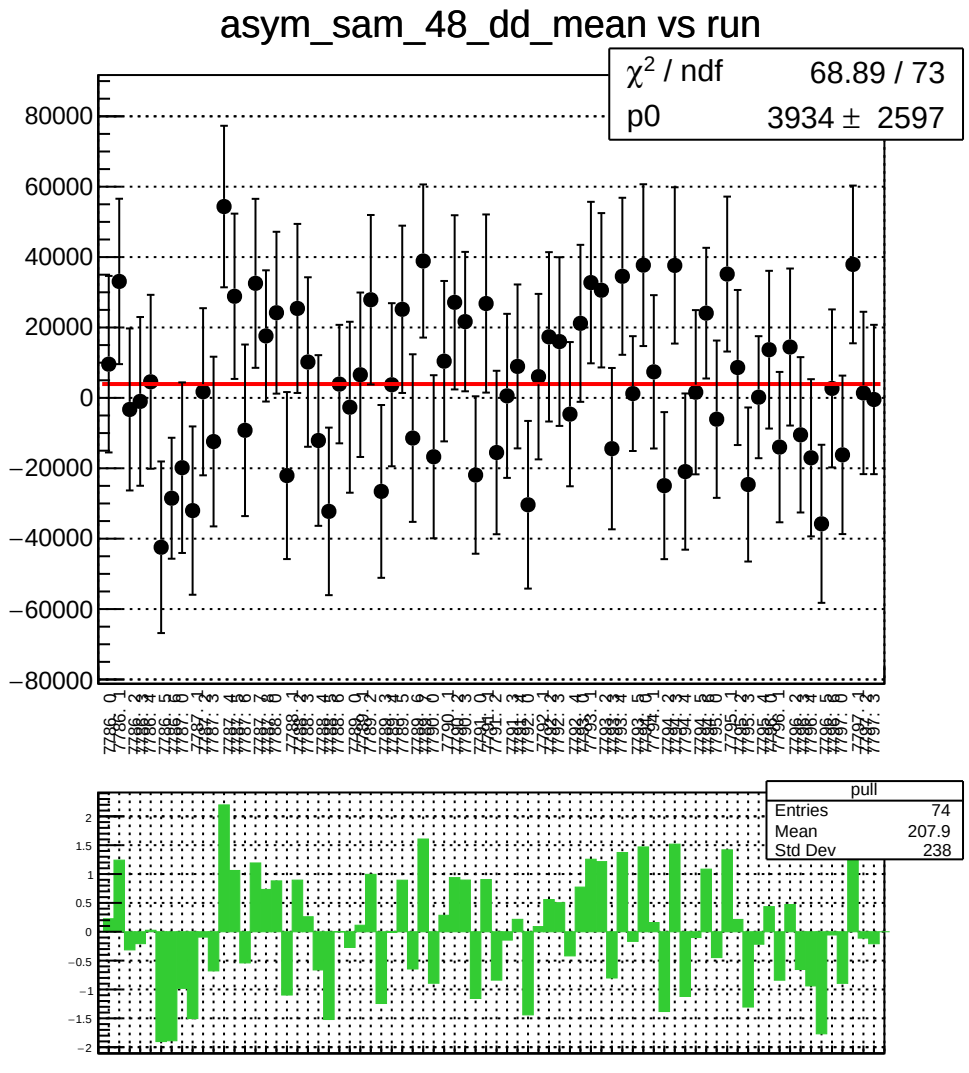

pull1D
Entries 74
Mean −0.002426
Std Dev 0.8325

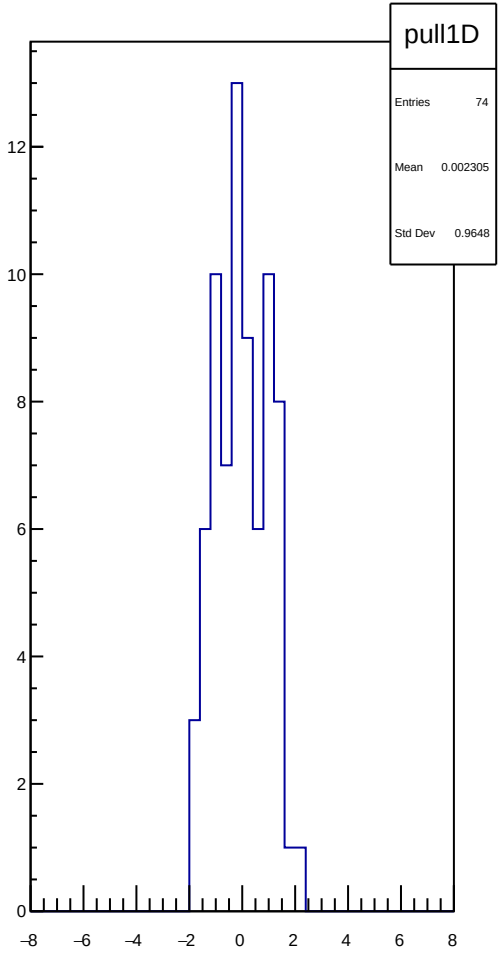

dit_asym_sam_48_dd_rms vs run
χ² / ndf 7059 / 73
p0 190 ± 0.1589
340
320
300
280
260
240
220
200
180
160

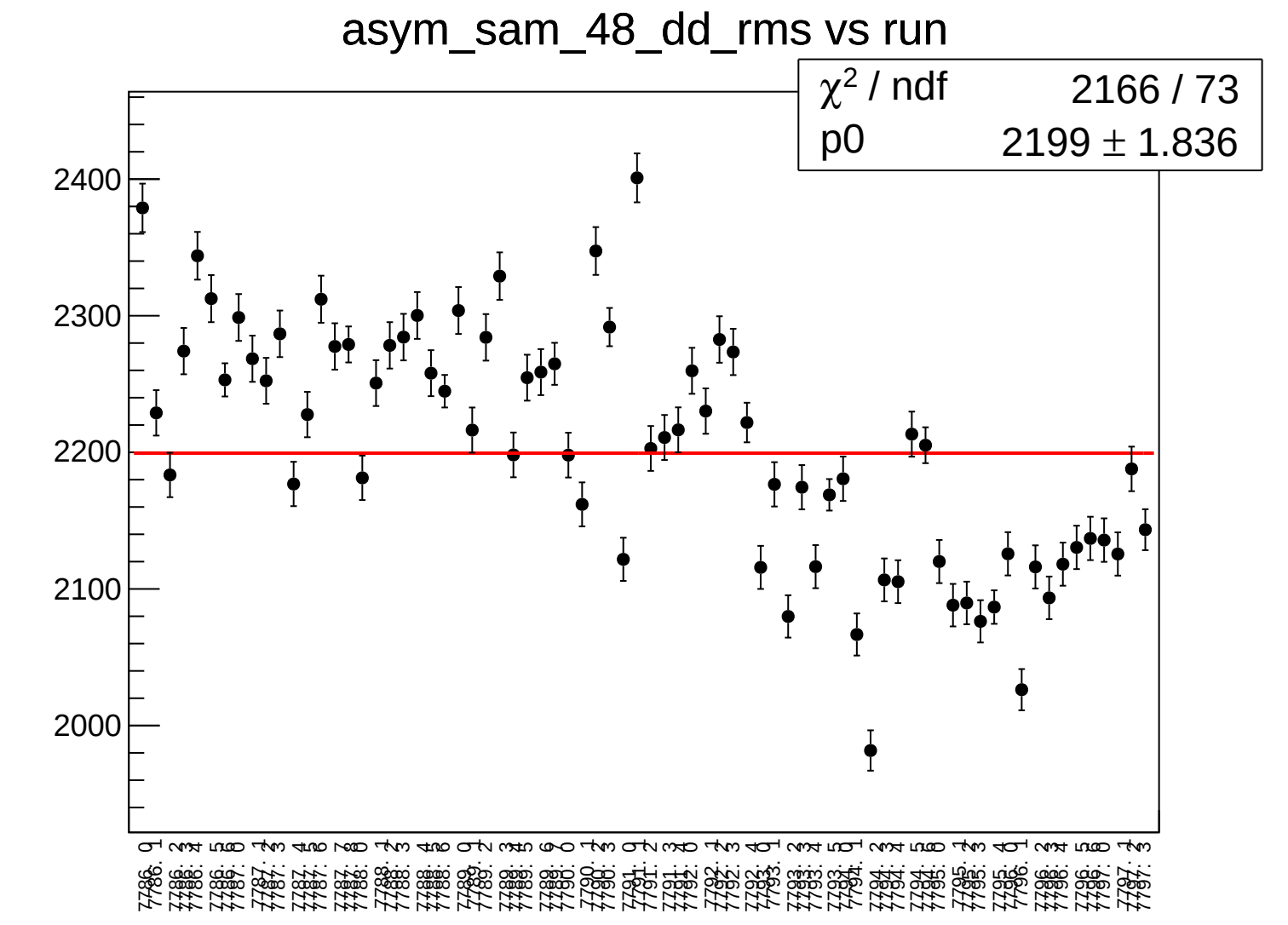

asym_sam_48_dd_correction_mean vs run
χ² / ndf 70.78 / 73
p0 −4231 ± 2608
pull
Entries 74
Mean 768.4
Std Dev 810.9

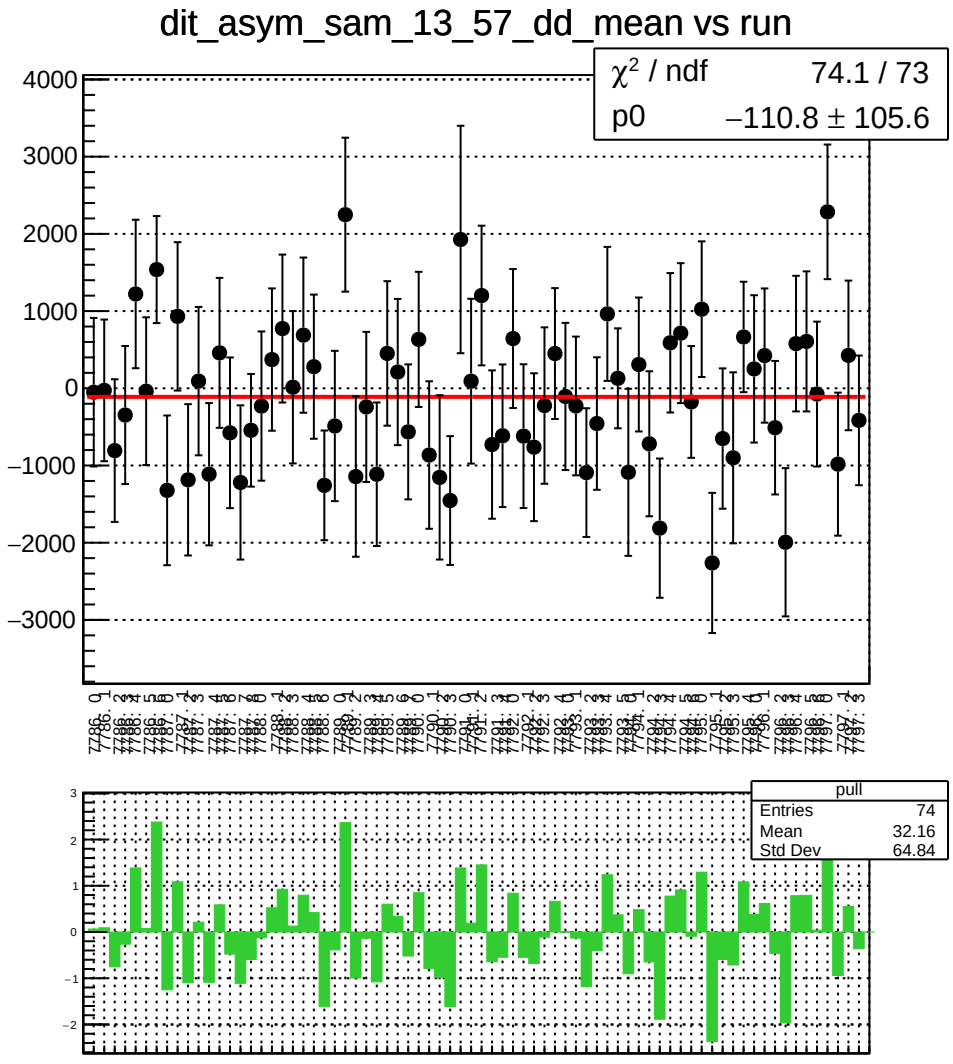

pull1D
Entries 74
Mean −0.0005561
Std Dev 0.978

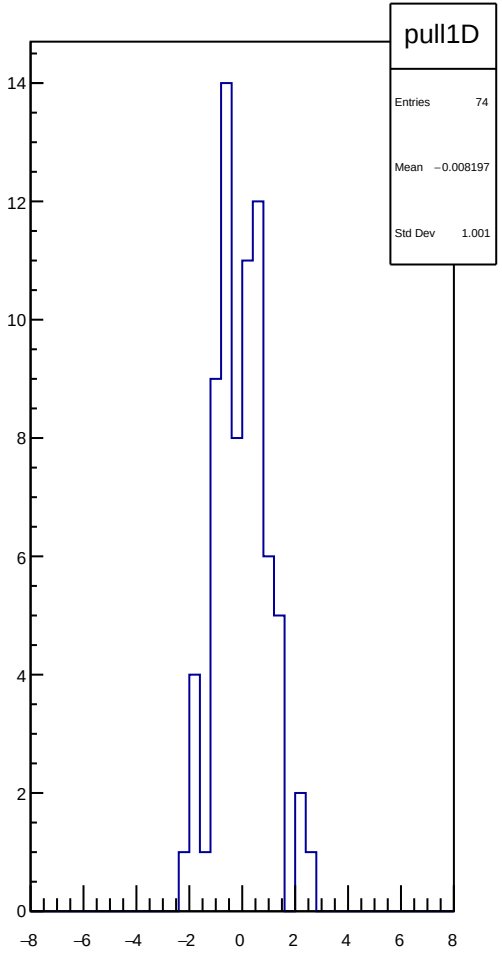

asym_sam_48_dd_correction_rms vs run
χ² / ndf 2067 / 73
p0 2209 ± 1.844
2450
2400
2350
2300
2250
2200
2150
2100
2050
2000

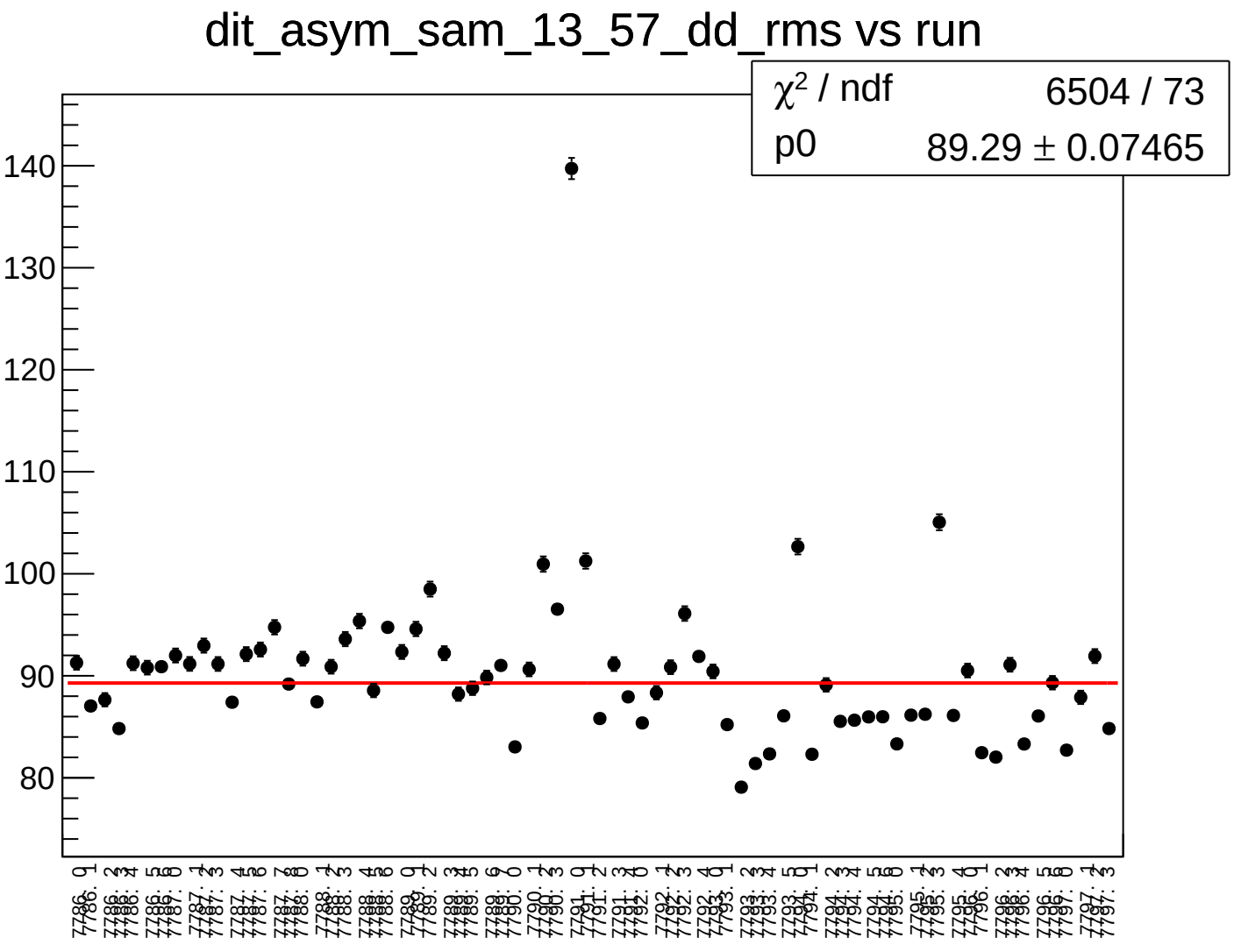

asym_sam_48_dd_mean vs run
χ² / ndf 68.89 / 73
p0 3934 ± 2597
pull
Entries 74
Mean 207.9
Std Dev 238

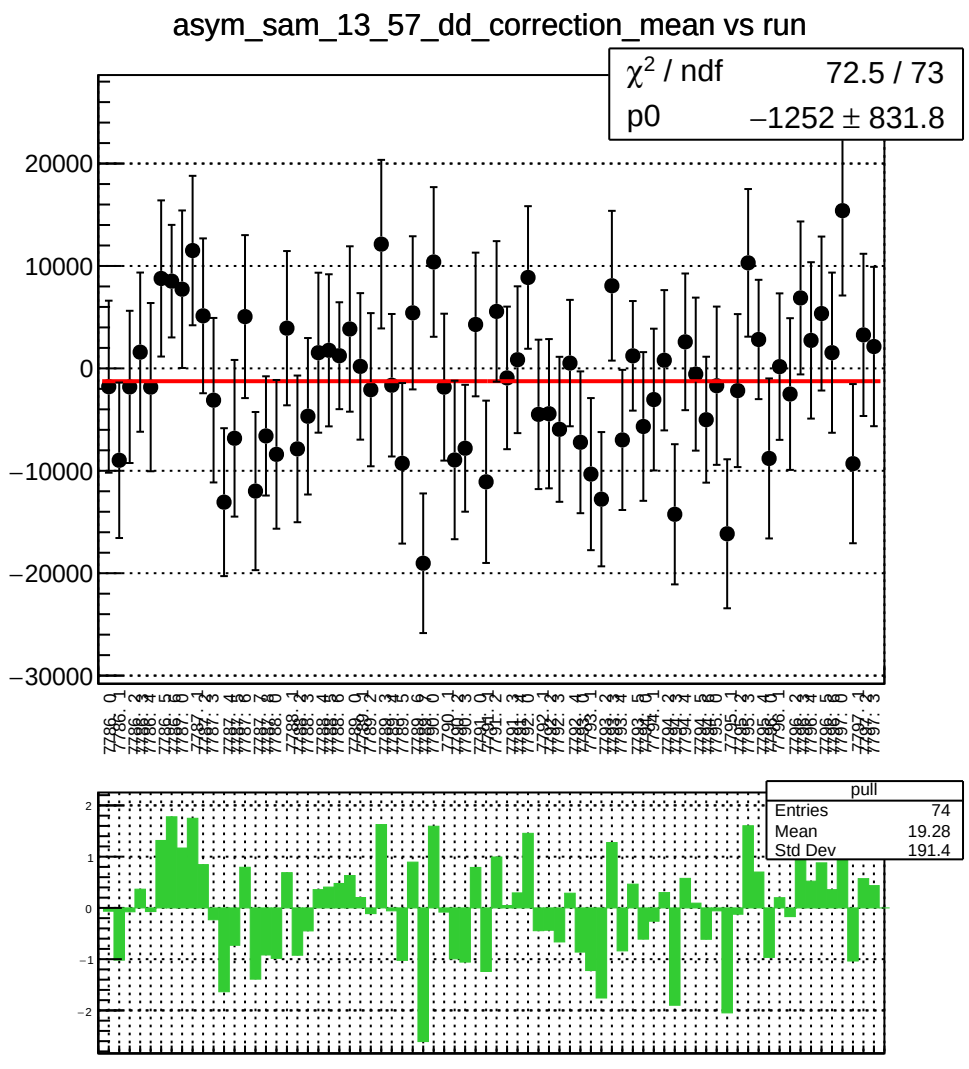

pull1D
Entries 74
Mean 0.002305
Std Dev 0.9648

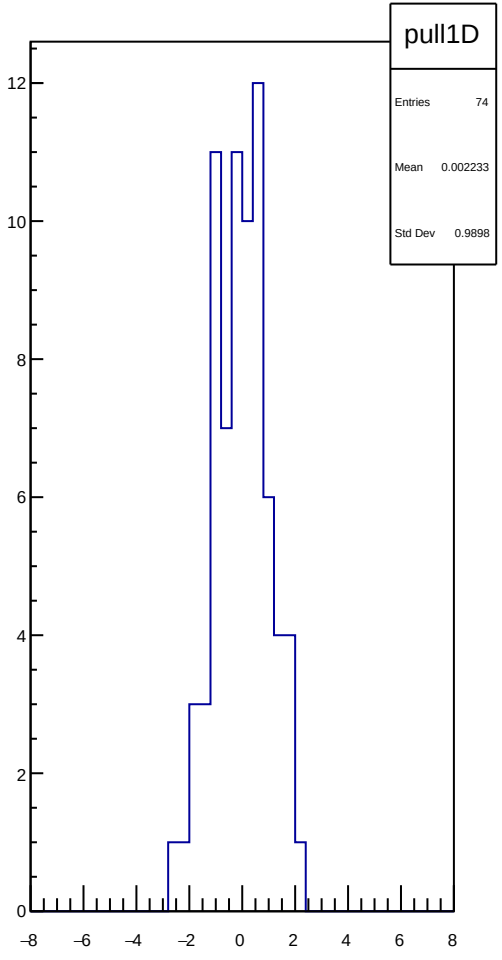

asym_sam_48_dd_rms vs run
χ² / ndf 2166 / 73
p0 2199 ± 1.836
2400
2300
2200
2100
2000

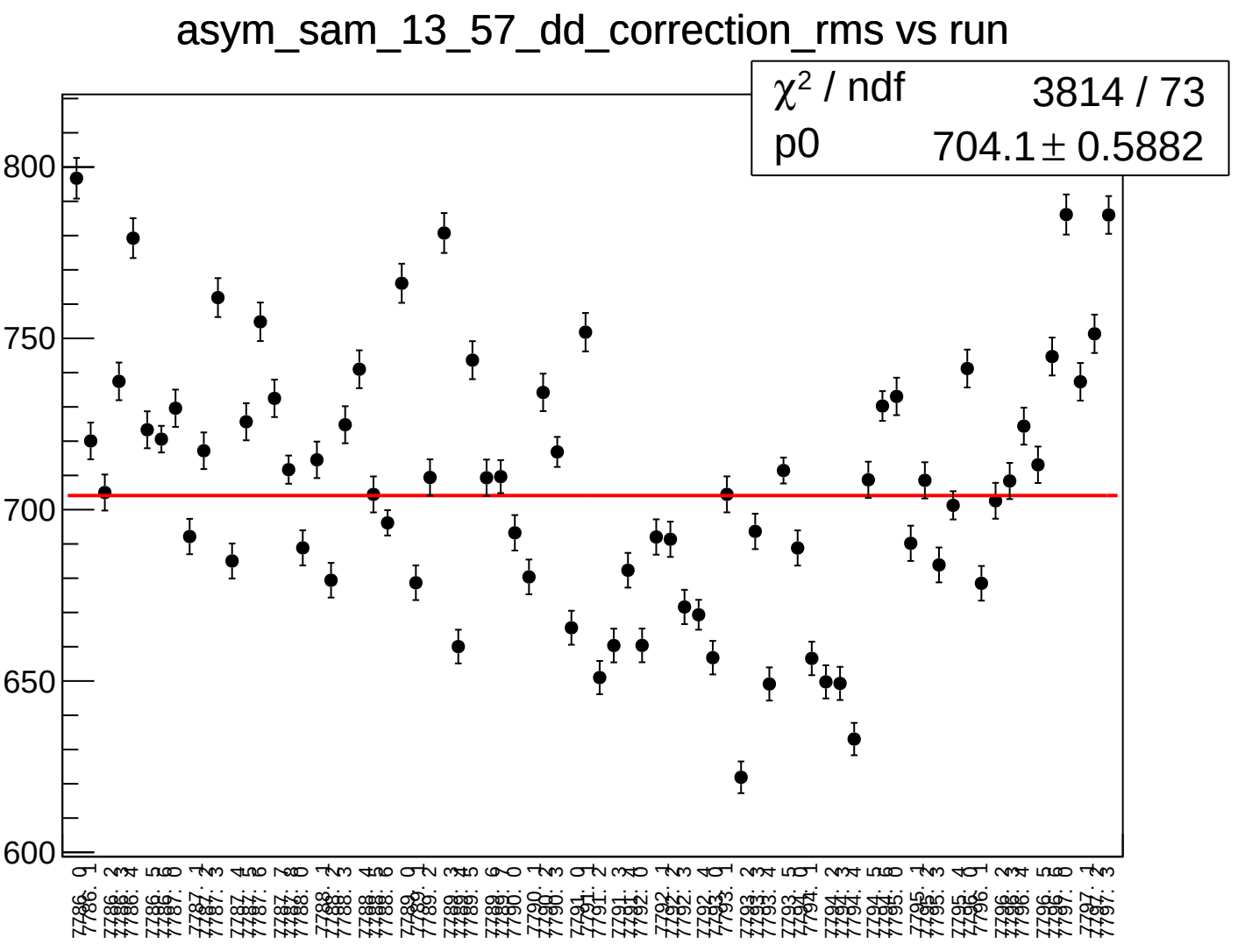

dit_asym_sam_13_57_dd_mean vs run
χ² / ndf 74.1 / 73
p0 −110.8 ± 105.6
4000
3000
2000
1000
0
−1000
−2000
−3000
pull
Entries 74
Mean 32.16
Std Dev 64.84
3
2
1
0
−1
−2

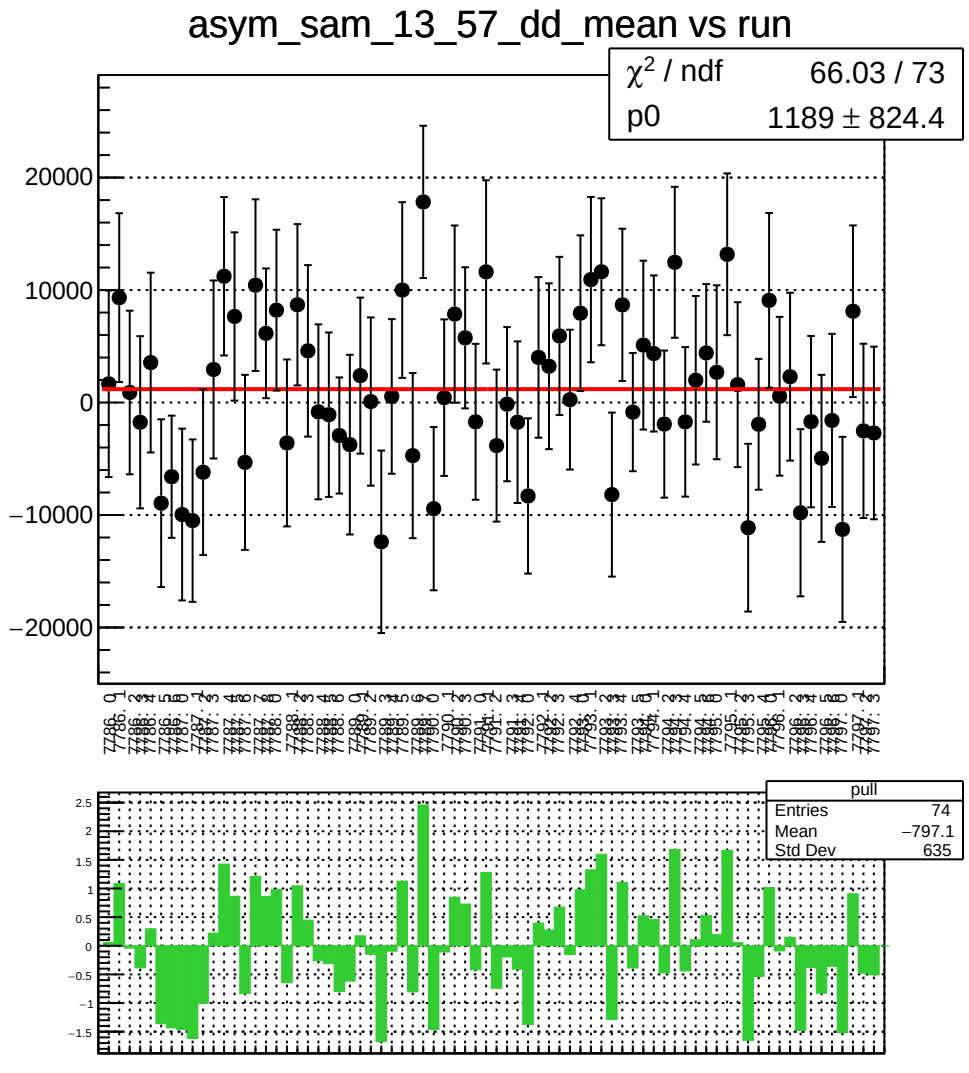

pull1D
Entries 74
Mean −0.008197
Std Dev 1.001
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

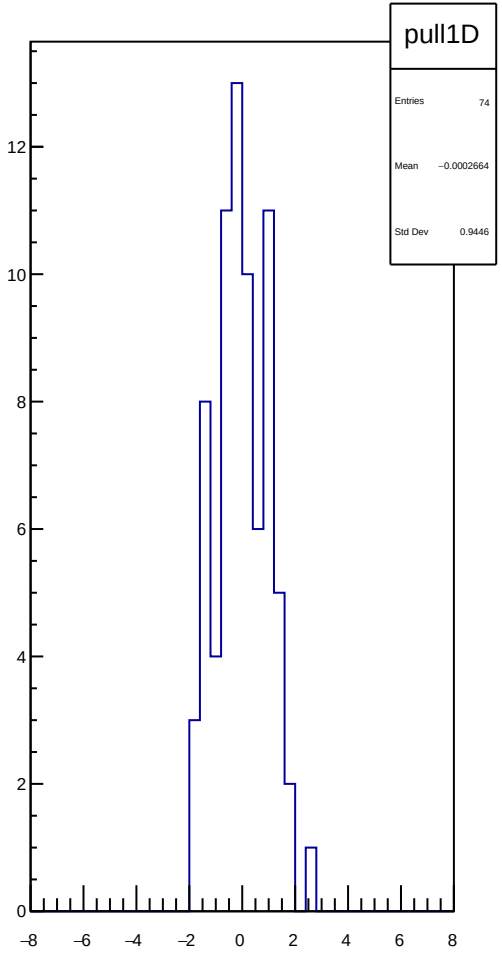

dit_asym_sam_13_57_dd_rms vs run
χ² / ndf 6504 / 73
p0 89.29 ± 0.07465
140
130
120
110
100
90
80

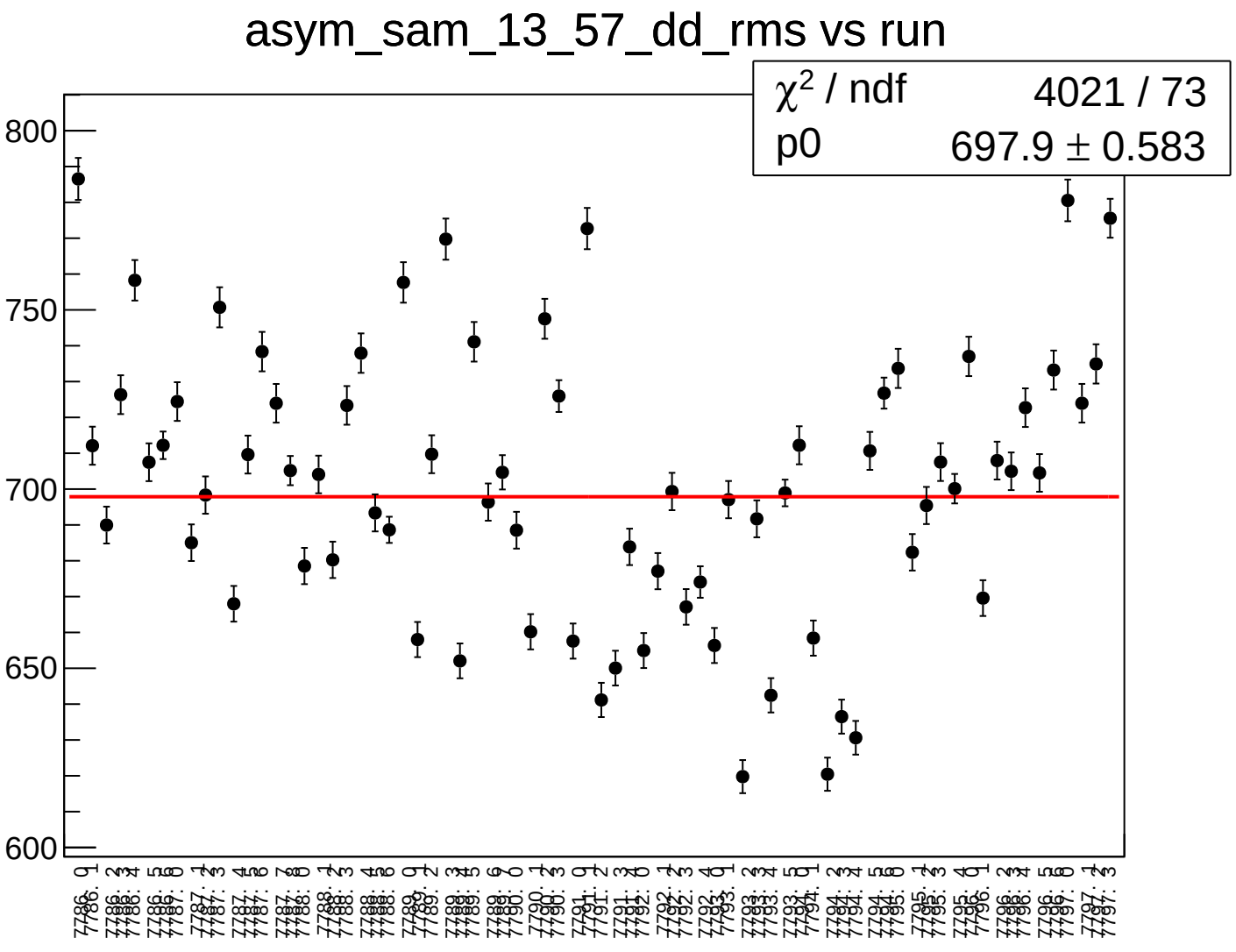

asym_sam_13_57_dd_correction_mean vs run
χ² / ndf 72.5 / 73
p0 −1252 ± 831.8
20000
10000
0
−10000
−20000
−30000
pull
Entries 74
Mean 19.28
Std Dev 191.4
2
1
0
−1
−2

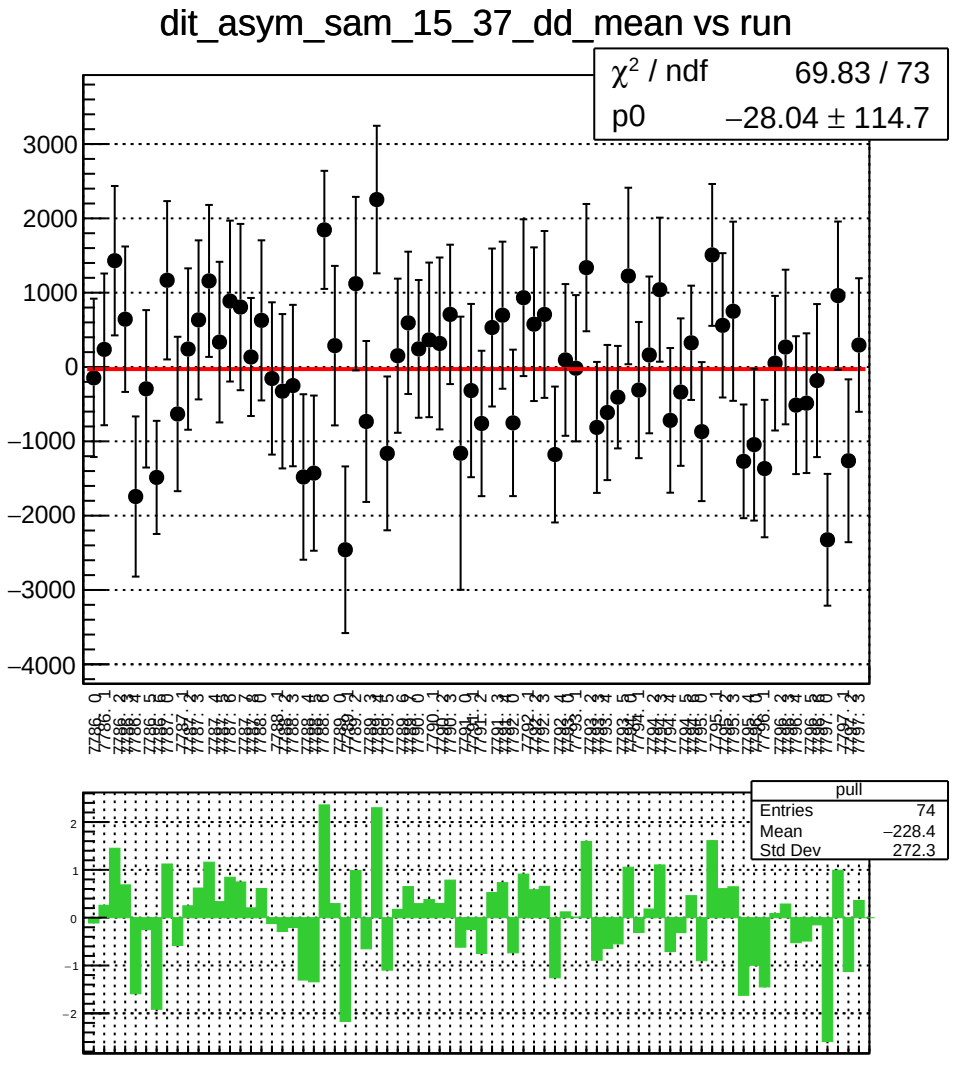

pull1D
Entries 74
Mean 0.002233
Std Dev 0.9898
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

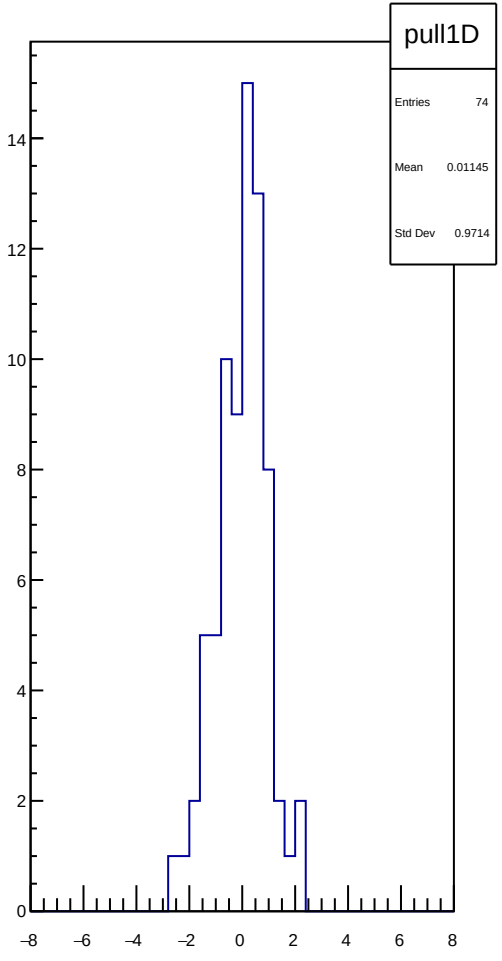

asym_sam_13_57_dd_correction_rms vs run
χ² / ndf 3814 / 73
p0 704.1 ± 0.5882
800
750
700
650
600

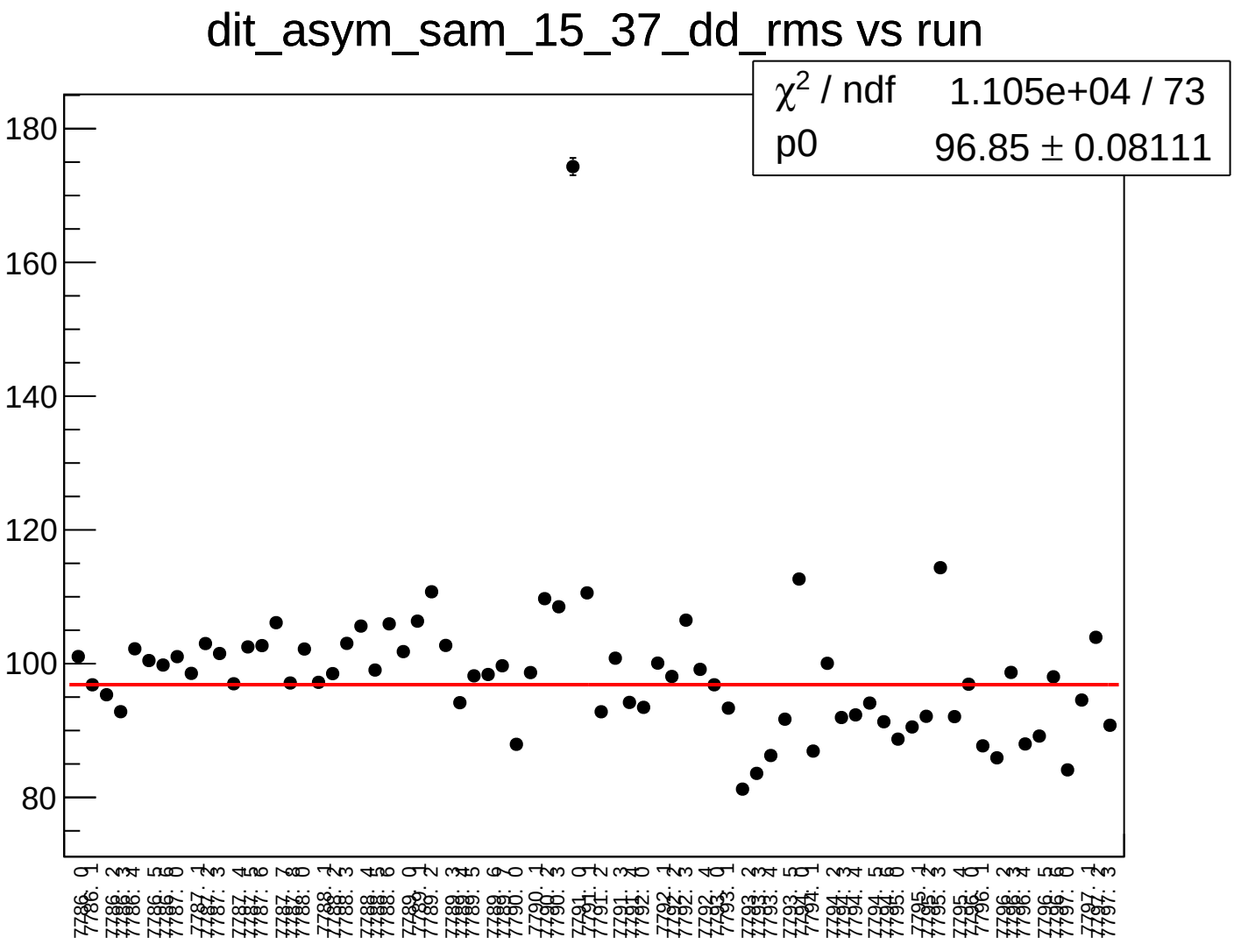

asym_sam_13_57_dd_mean vs run
χ² / ndf 66.03 / 73
p0 1189 ± 824.4
20000
10000
0
−10000
−20000
pull
Entries 74
Mean −797.1
Std Dev 635
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5

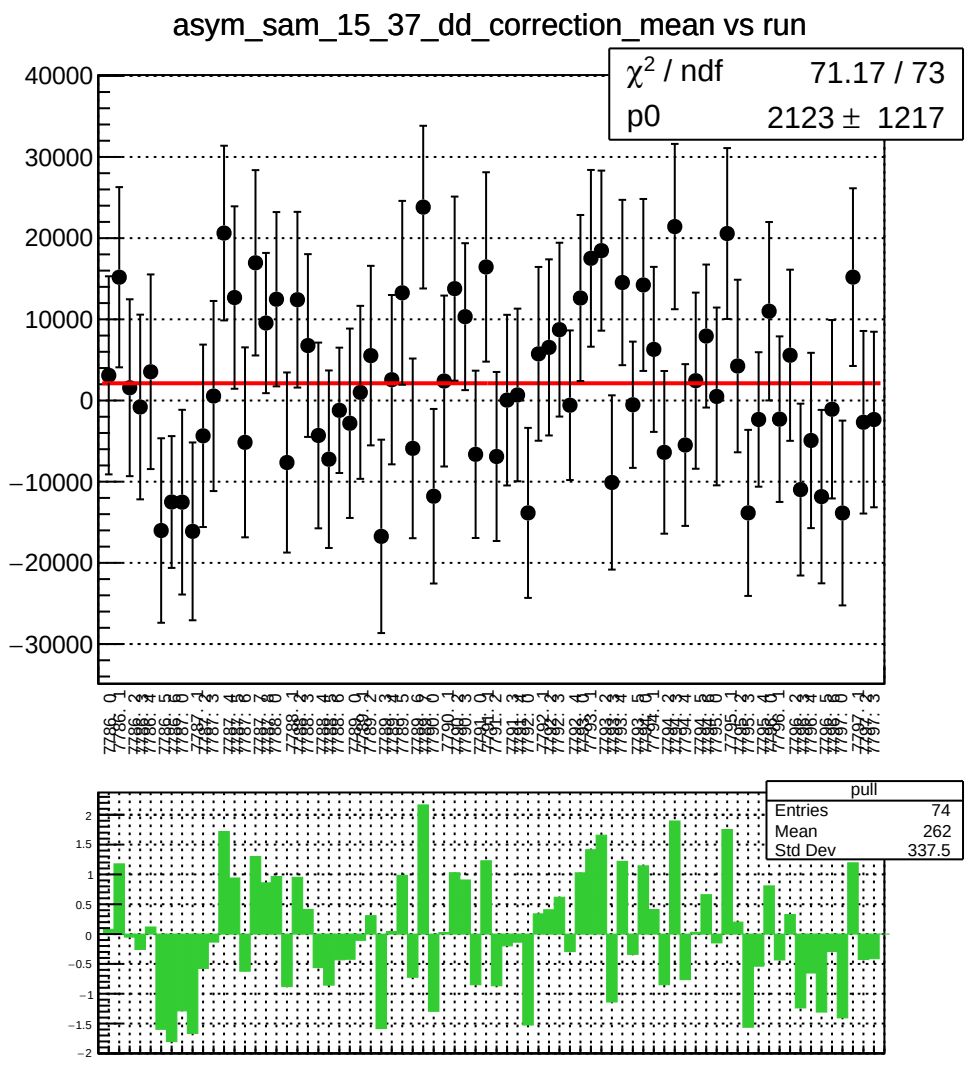

pull1D
Entries 74
Mean −0.0002664
Std Dev 0.9446
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

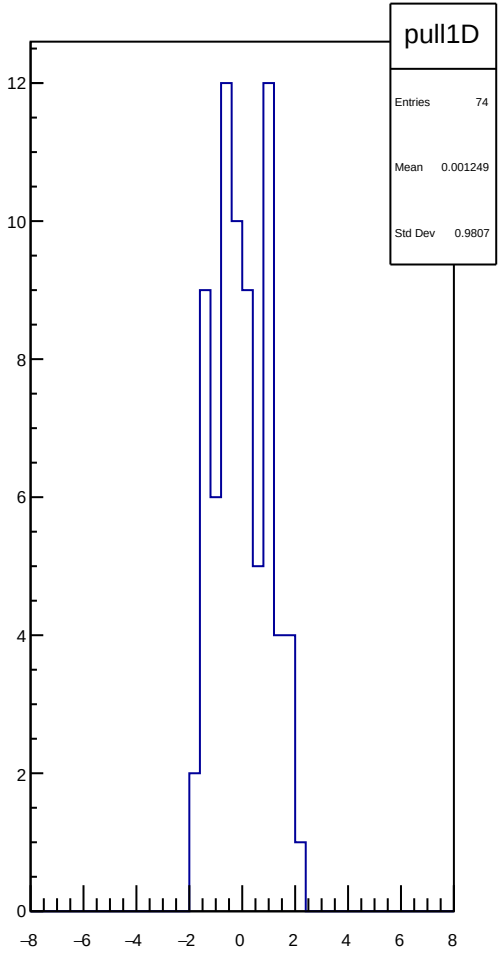

asym_sam_13_57_dd_rms vs run
χ² / ndf 4021 / 73
p0 697.9 ± 0.583
800
750
700
650
600

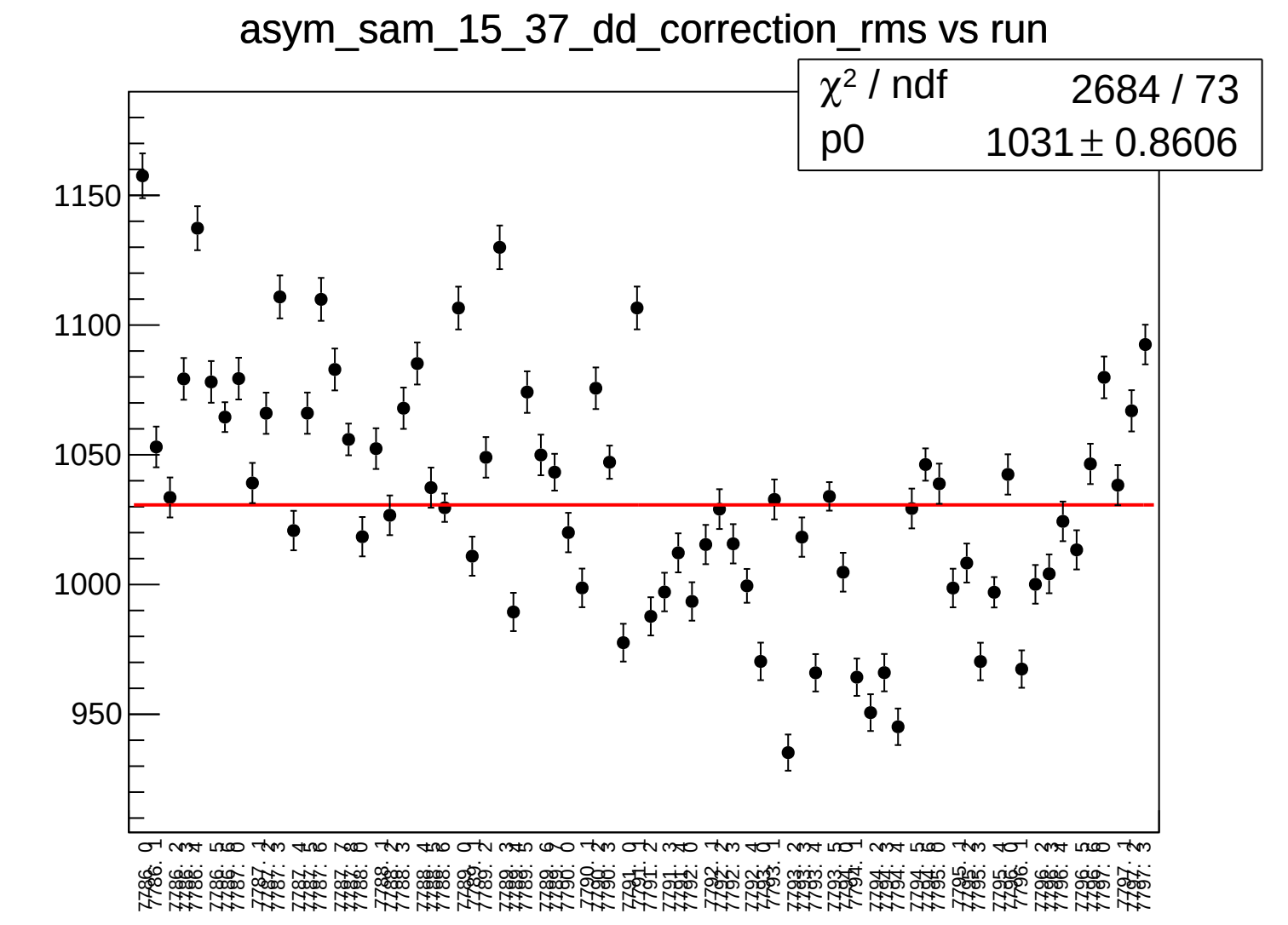

dit_asym_sam_15_37_dd_mean vs run
χ² / ndf 69.83 / 73
p0 −28.04 ± 114.7
pull
Entries 74
Mean −228.4
Std Dev 272.3

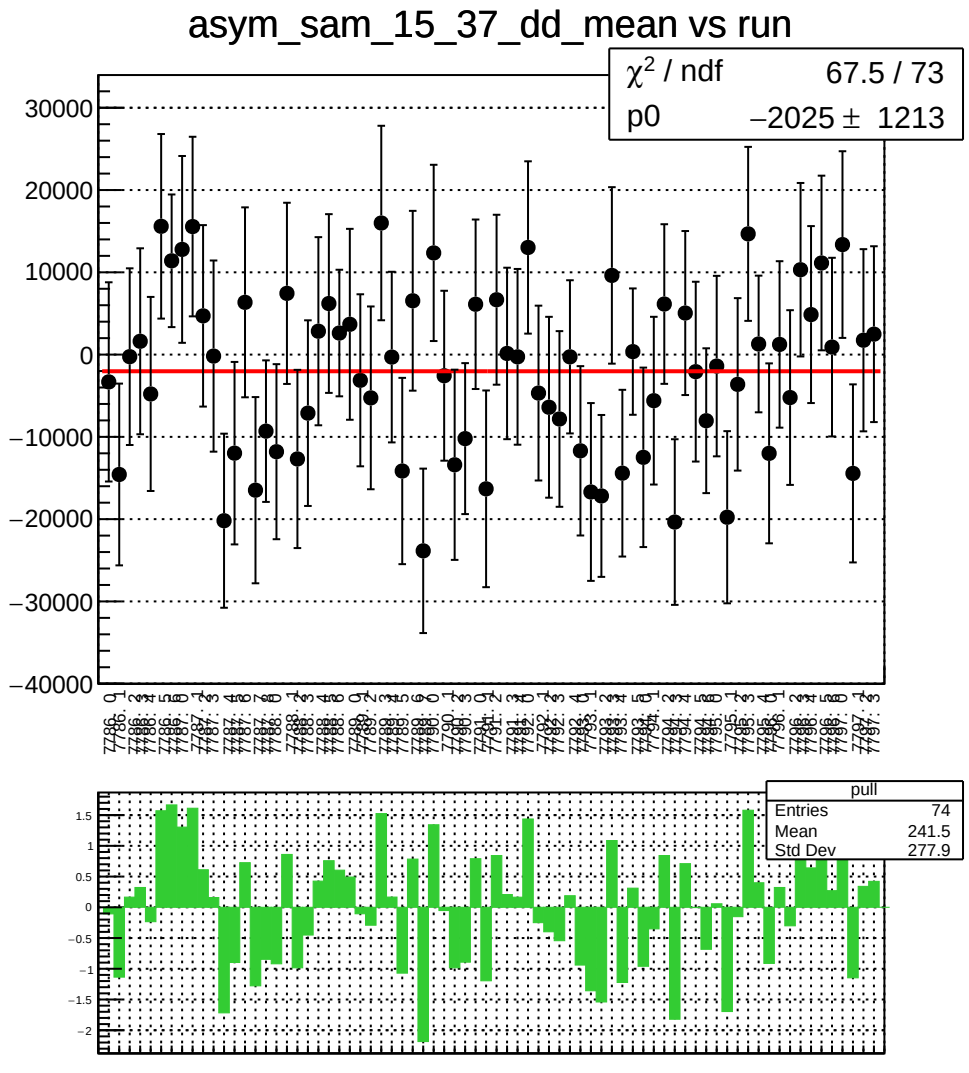

pull1D
Entries 74
Mean 0.01145
Std Dev 0.9714

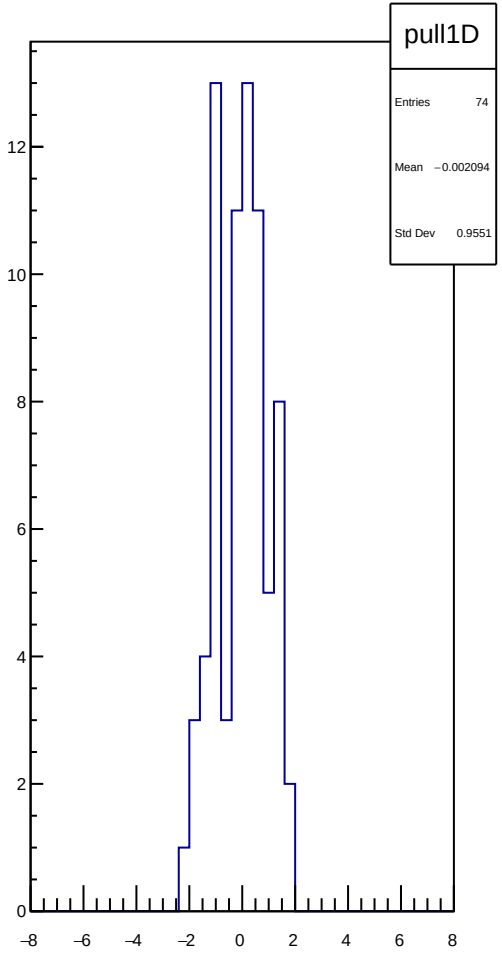

dit_asym_sam_15_37_dd_rms vs run
χ² / ndf 1.105e+04 / 73
p0 96.85 ± 0.08111
180
160
140
120
100
80

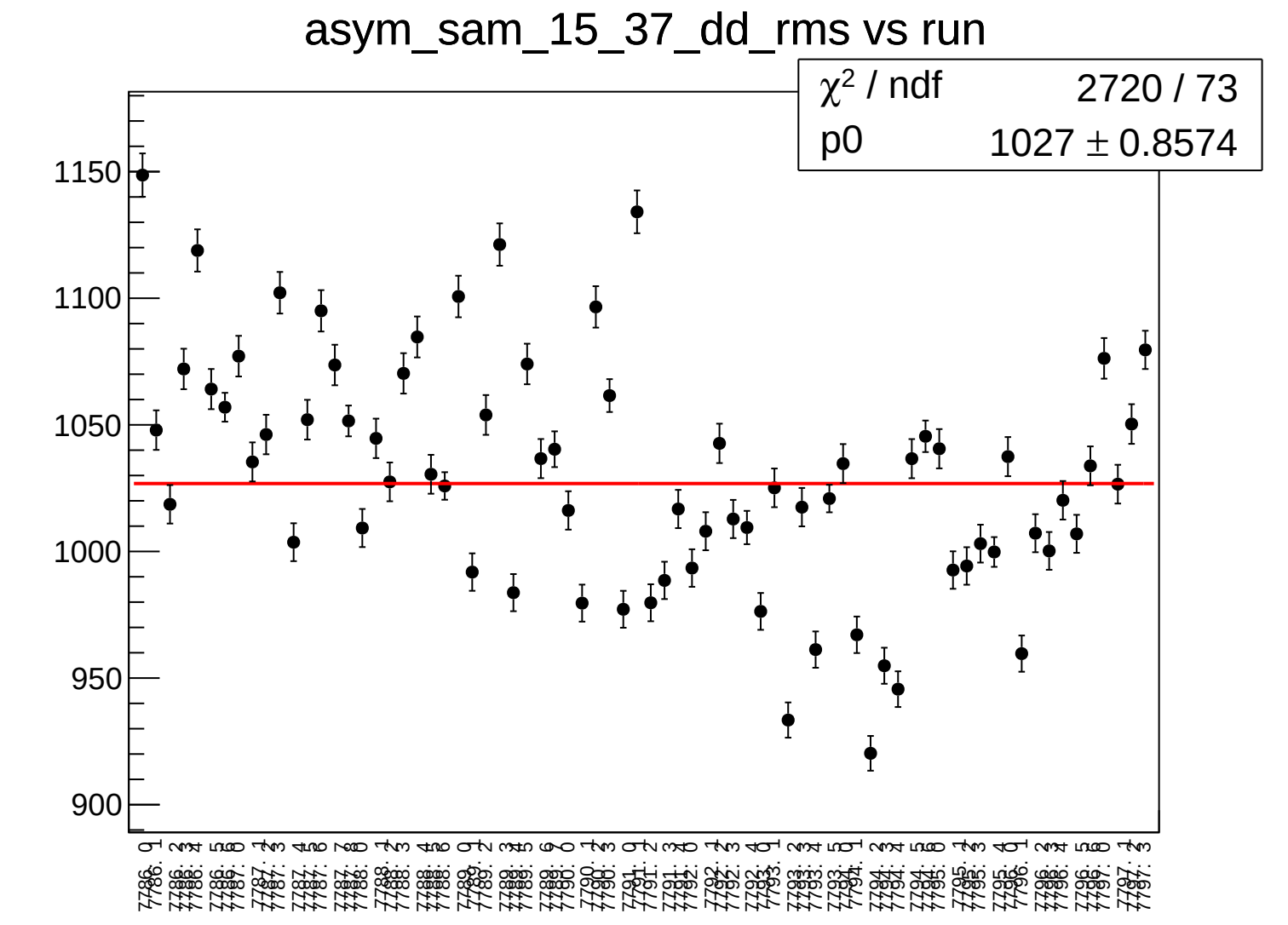

asym_sam_15_37_dd_correction_mean vs run
χ² / ndf 71.17 / 73
p0 2123 ± 1217
pull
Entries 74
Mean 262
Std Dev 337.5

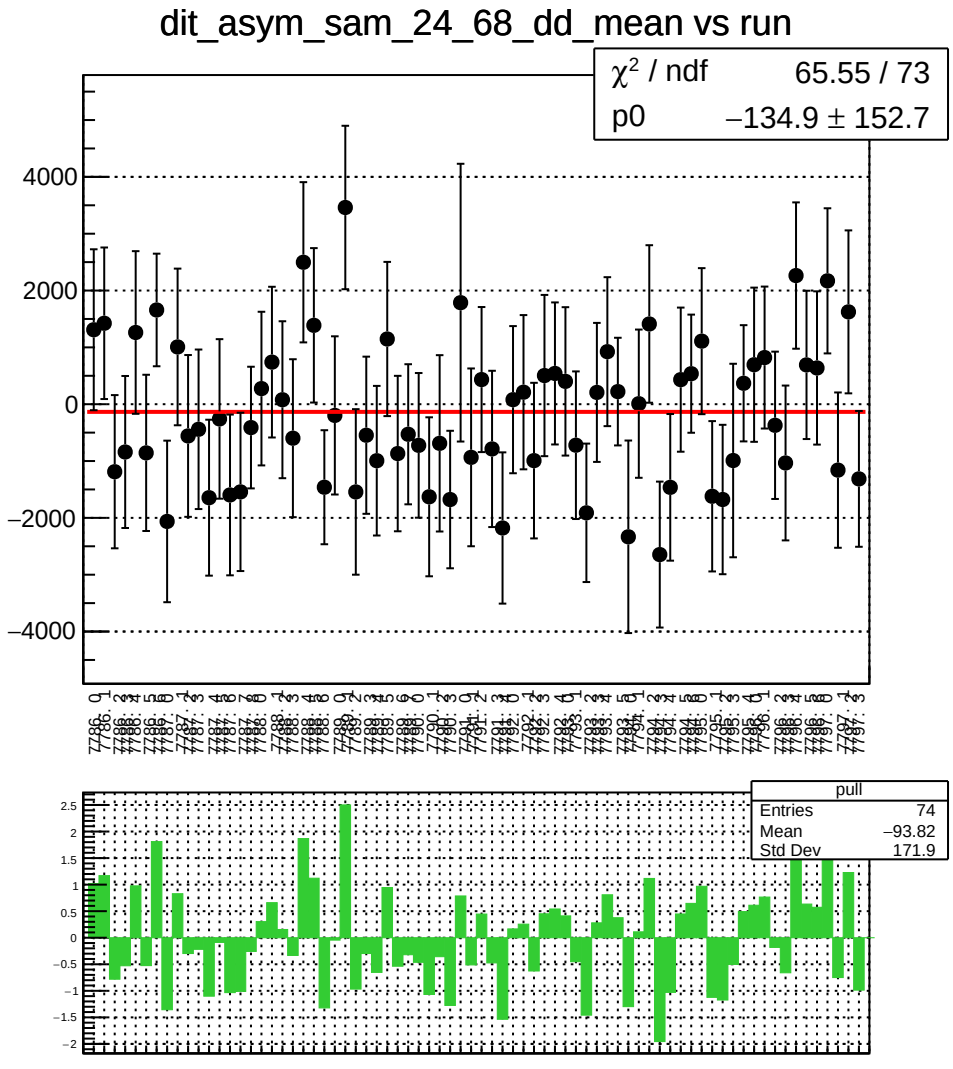

pull1D
Entries 74
Mean 0.001249
Std Dev 0.9807

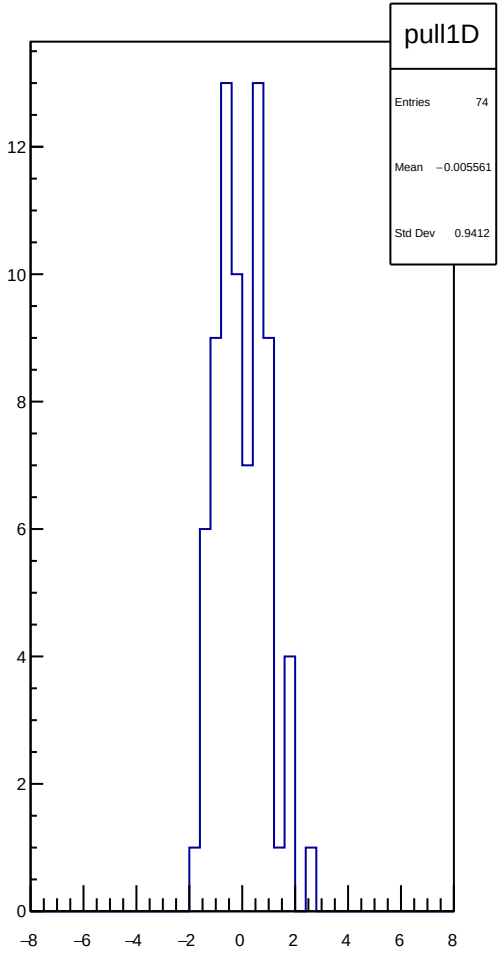

asym_sam_15_37_dd_correction_rms vs run
χ² / ndf 2684 / 73
p0 1031 ± 0.8606
1150
1100
1050
1000
950

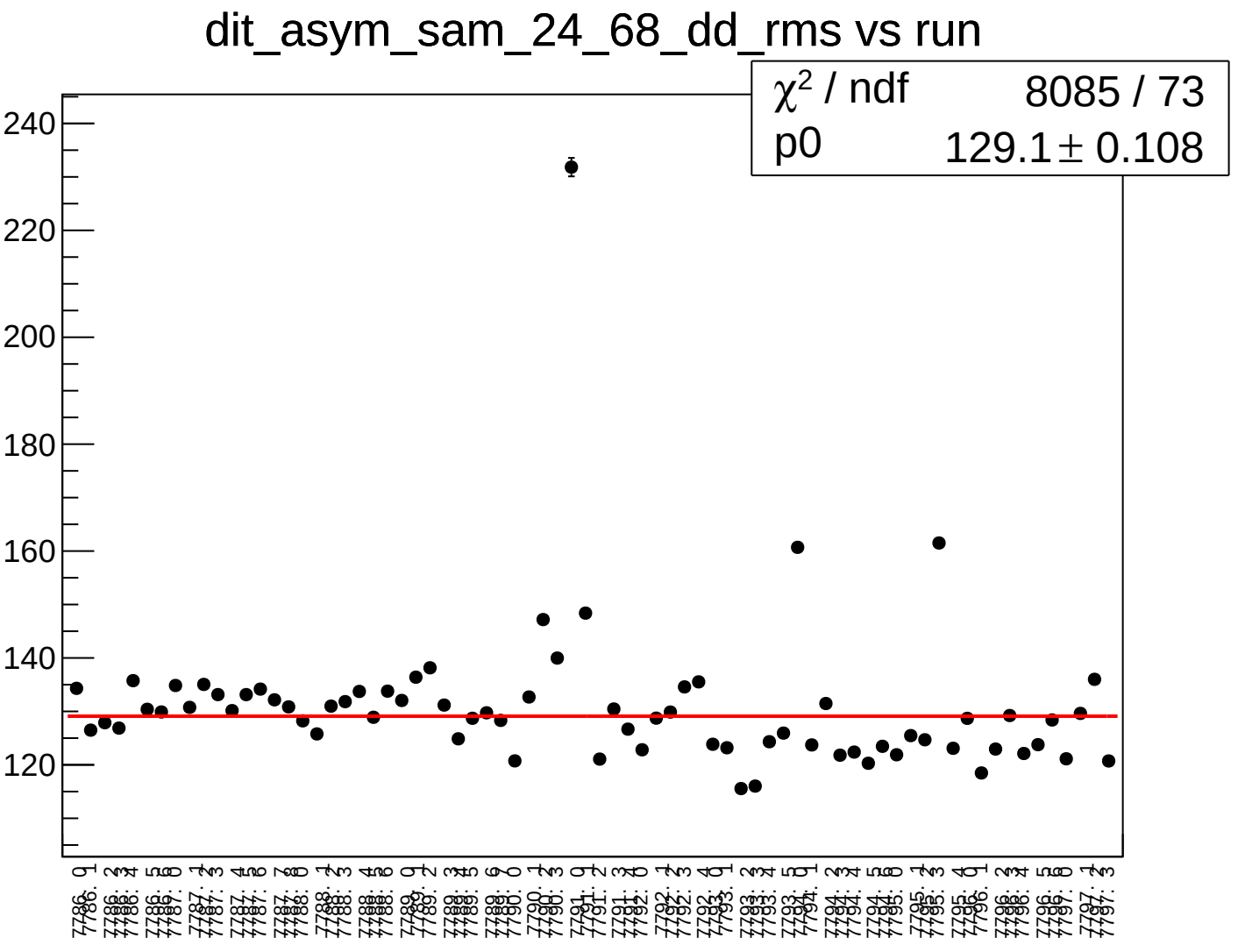

asym_sam_15_37_dd_mean vs run
χ² / ndf 67.5 / 73
p0 −2025 ± 1213
pull
Entries 74
Mean 241.5
Std Dev 277.9

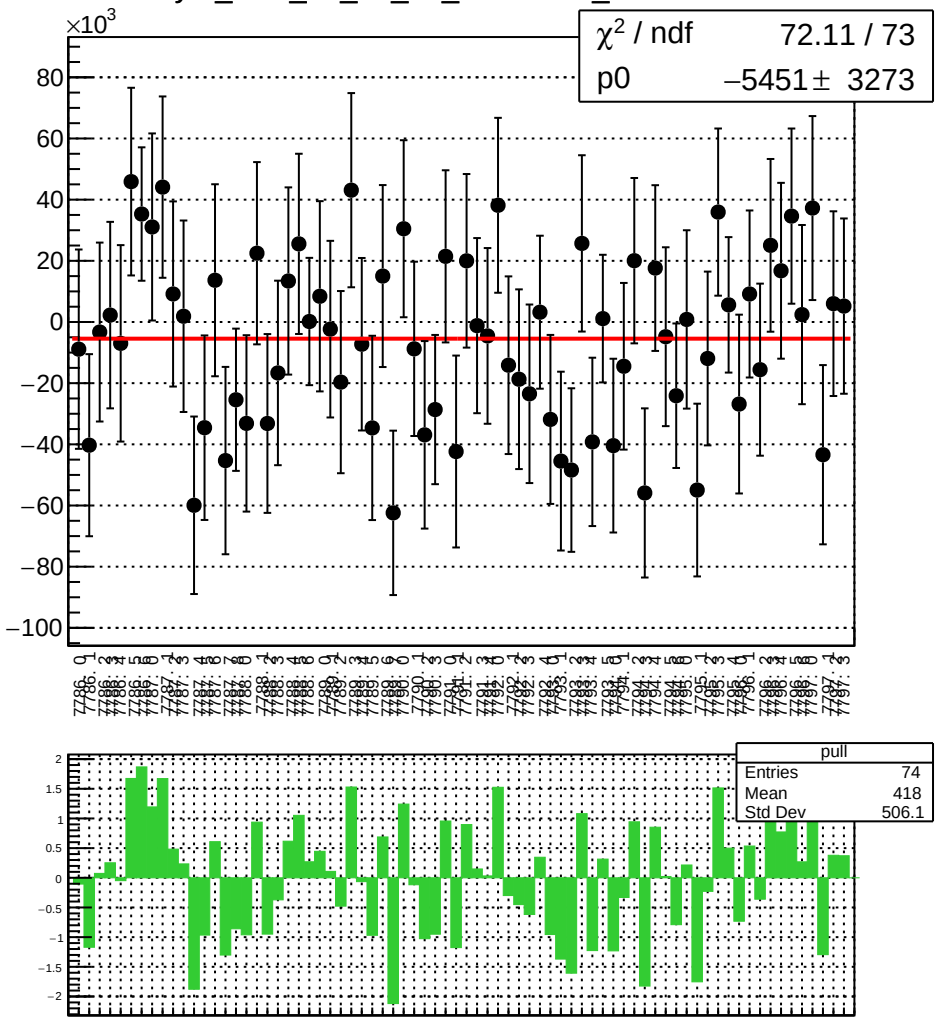

pull1D
Entries 74
Mean −0.002094
Std Dev 0.9551

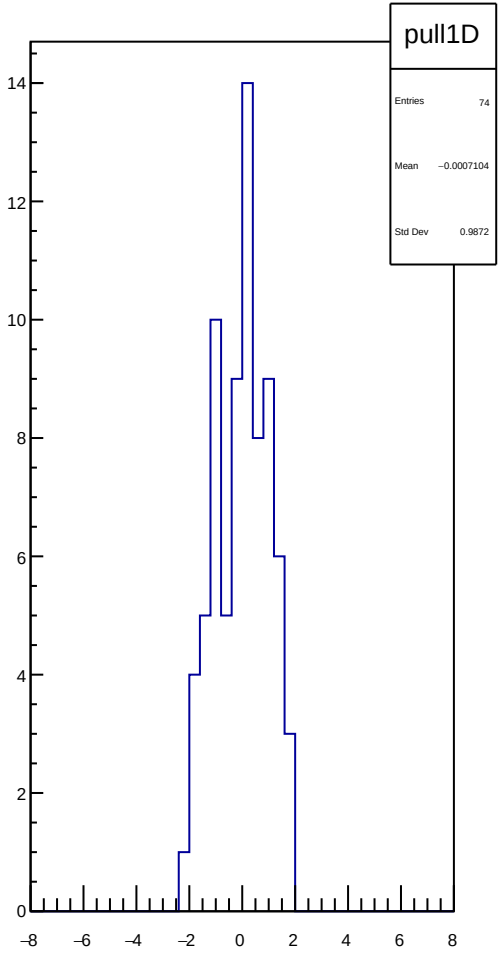

asym_sam_15_37_dd_rms vs run
χ² / ndf 2720 / 73
p0 1027 ± 0.8574
1150
1100
1050
1000
950
900

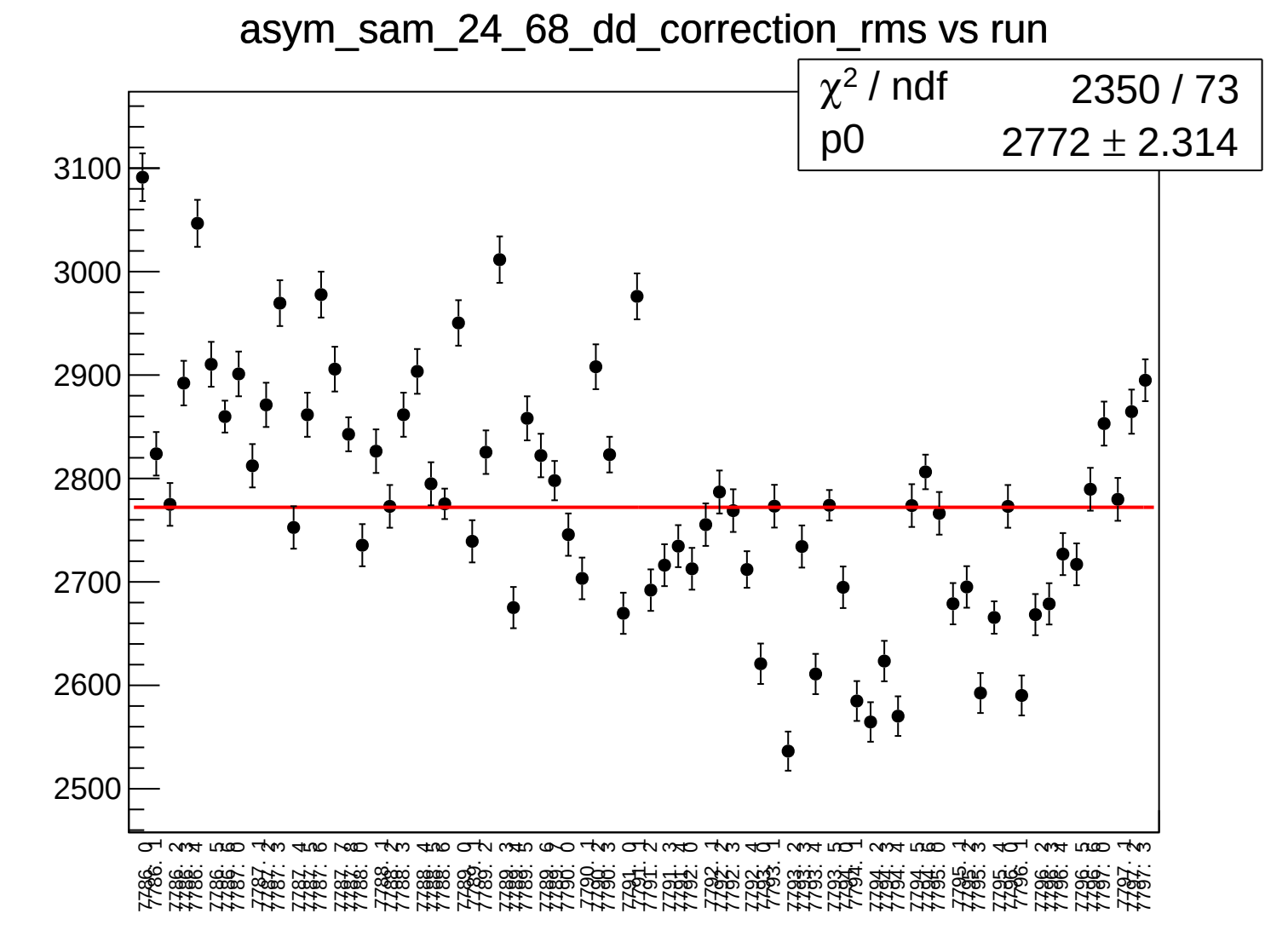

dit_asym_sam_24_68_dd_mean vs run
χ² / ndf 65.55 / 73
p0 −134.9 ± 152.7
4000
2000
0
−2000
−4000
pull
Entries 74
Mean −93.82
Std Dev 171.9
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

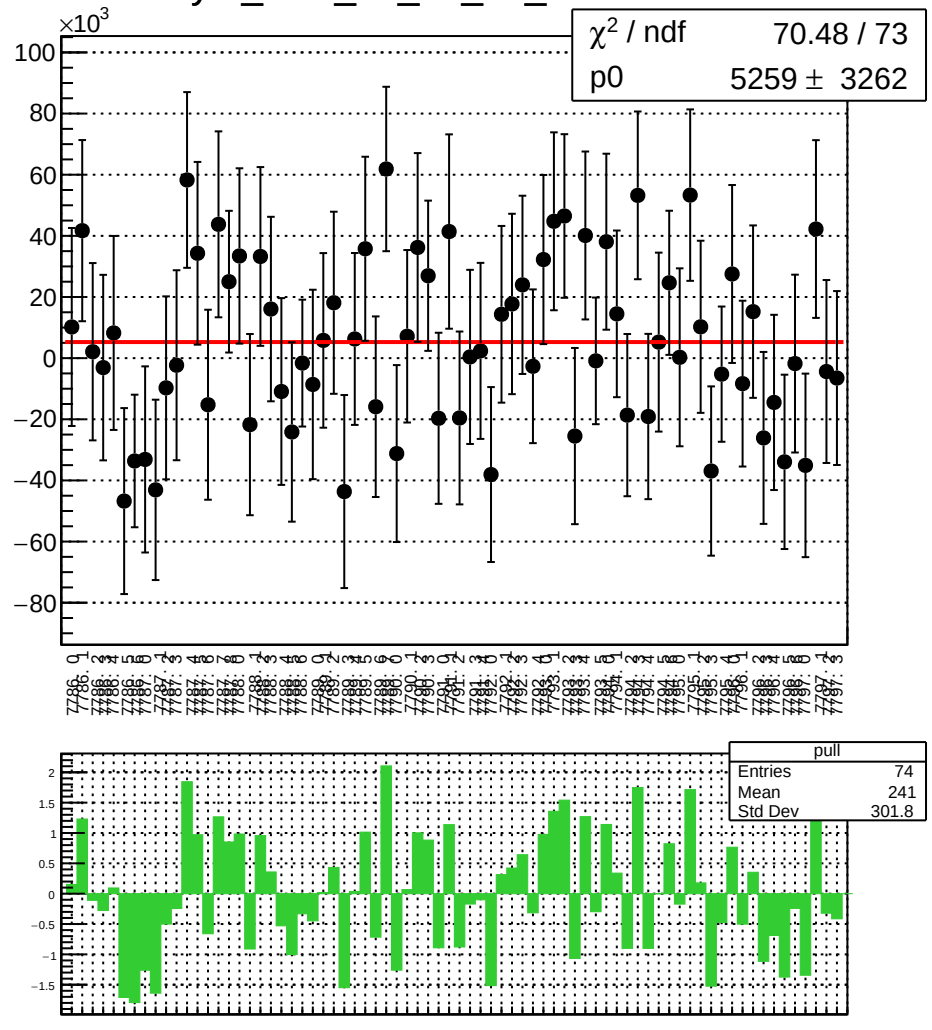

pull1D
Entries 74
Mean −0.005561
Std Dev 0.9412
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

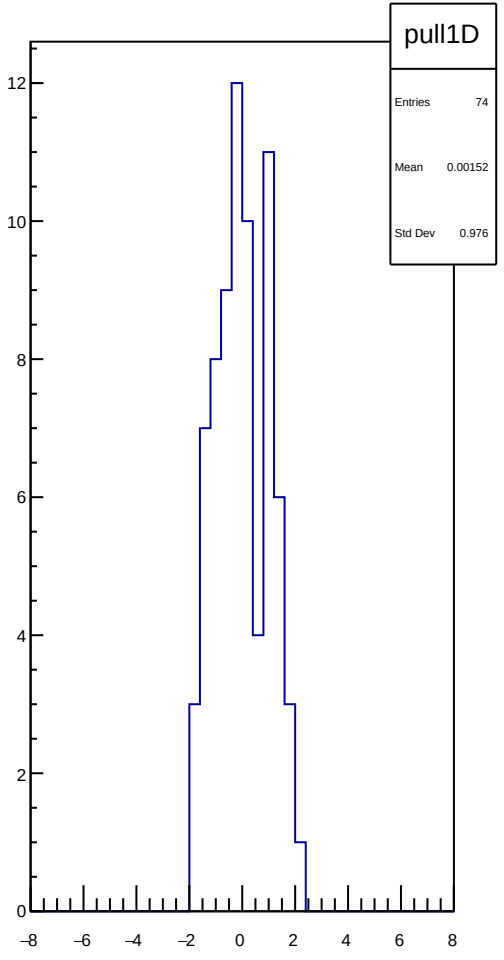

dit_asym_sam_24_68_dd_rms vs run
χ² / ndf 8085 / 73
p0 129.1 ± 0.108
240
220
200
180
160
140
120

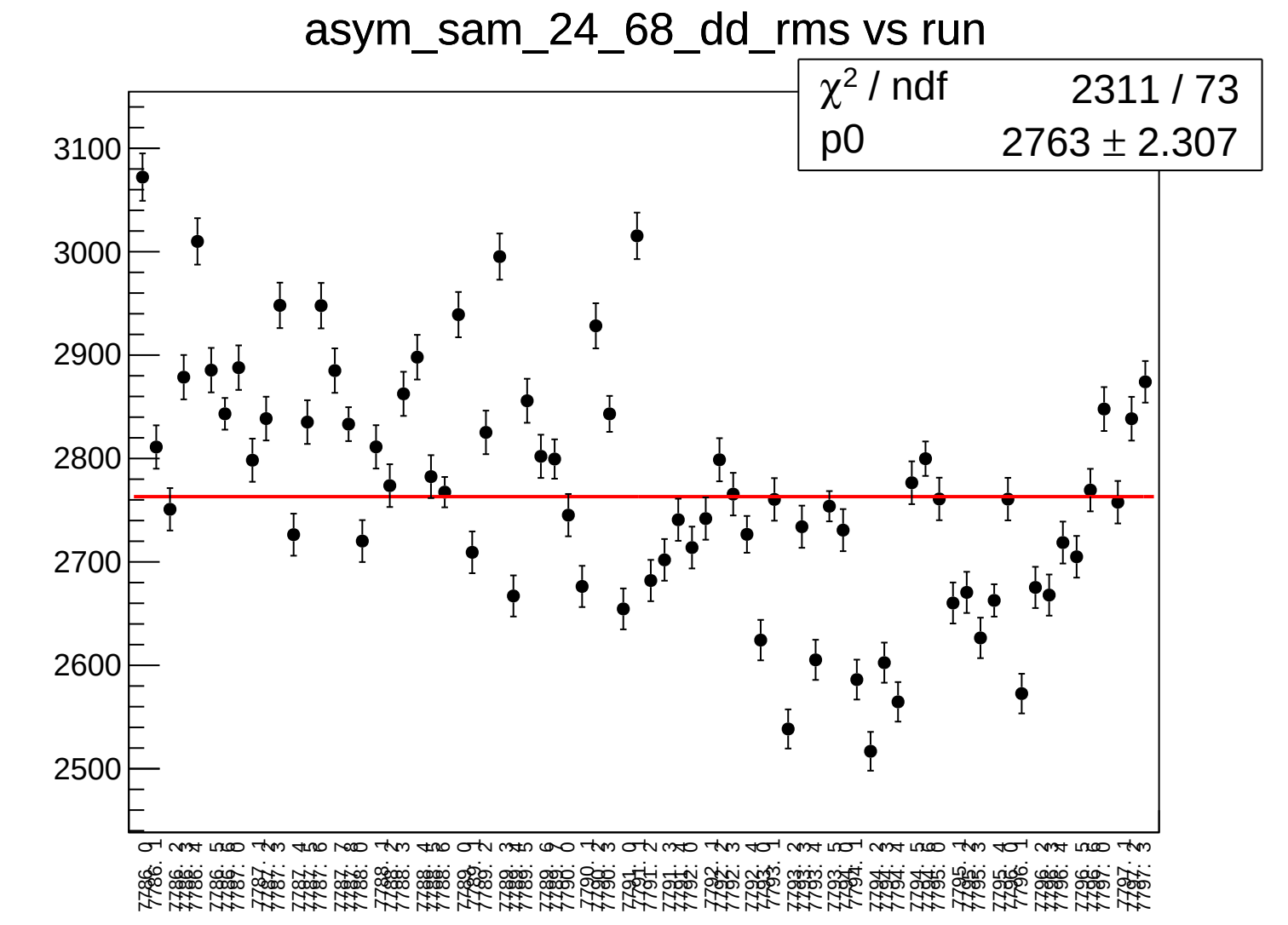

asym_sam_24_68_dd_correction_mean vs run
χ² / ndf 72.11 / 73
p0 −5451 ± 3273
pull
Entries 74
Mean 418
Std Dev 506.1

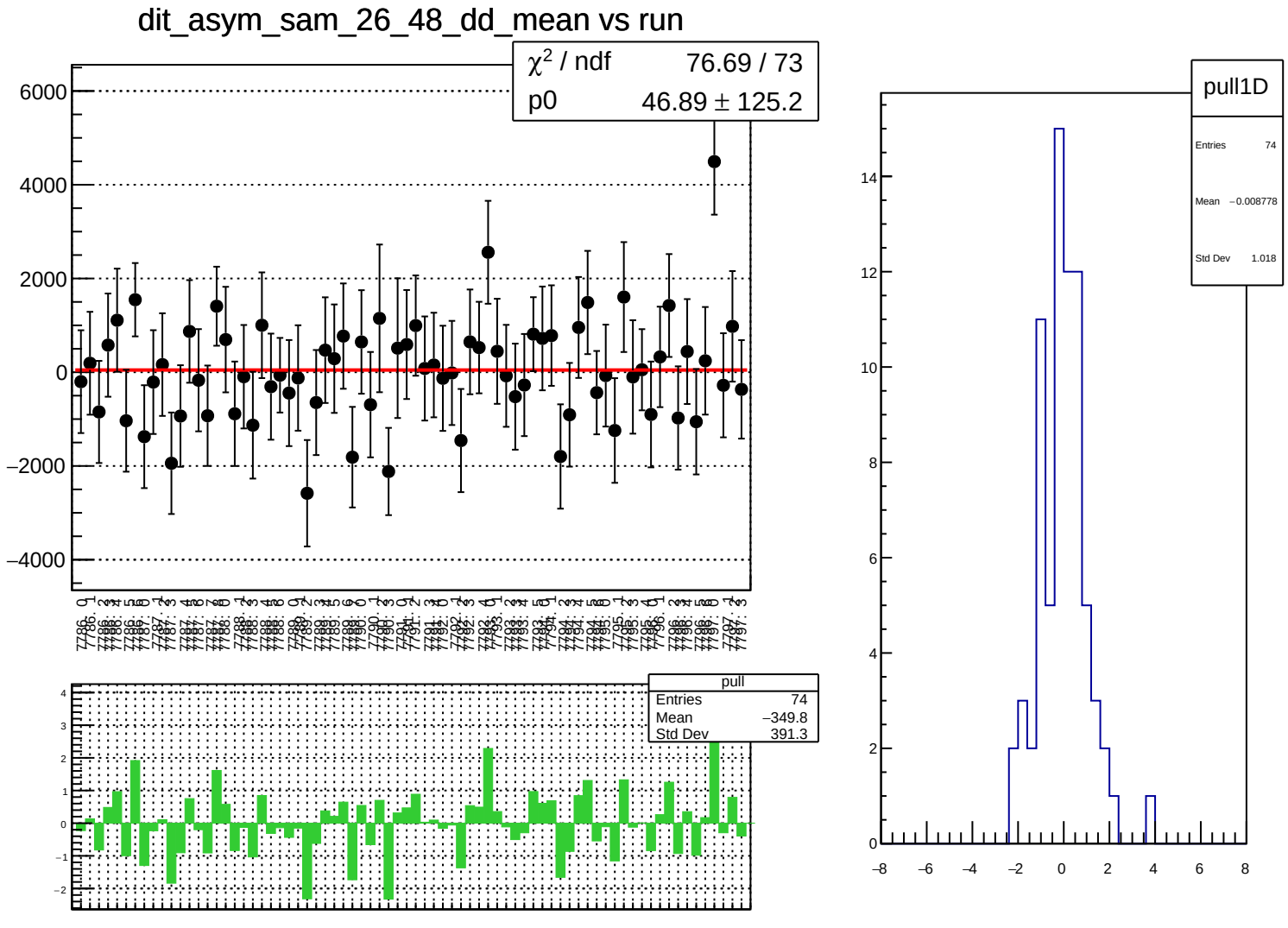

pull1D
Entries 74
Mean −0.0007104
Std Dev 0.9872

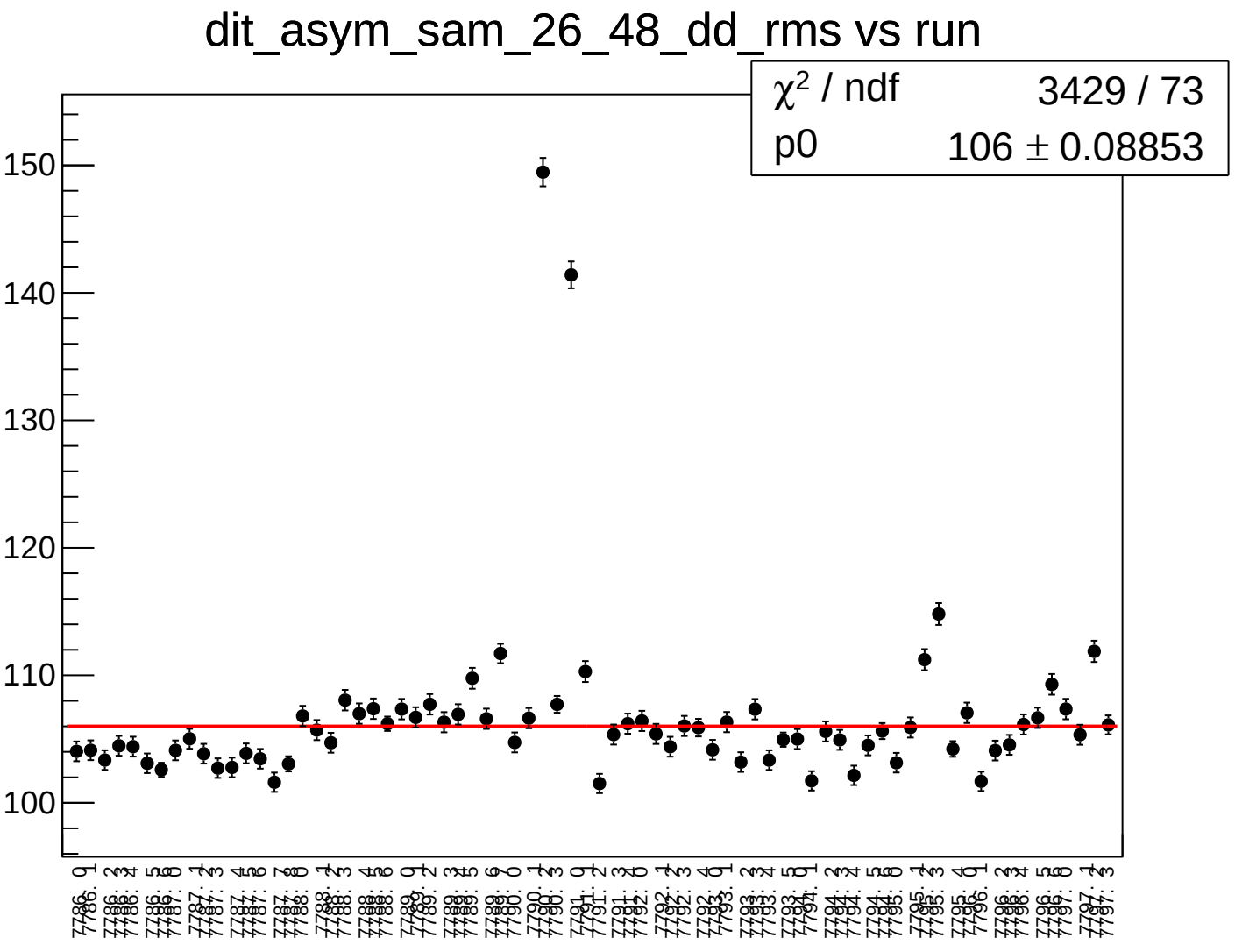

asym_sam_24_68_dd_correction_rms vs run
$\chi^2$ / ndf 2350 / 73
p0 2772 ± 2.314
3100
3000
2900
2800
2700
2600
2500

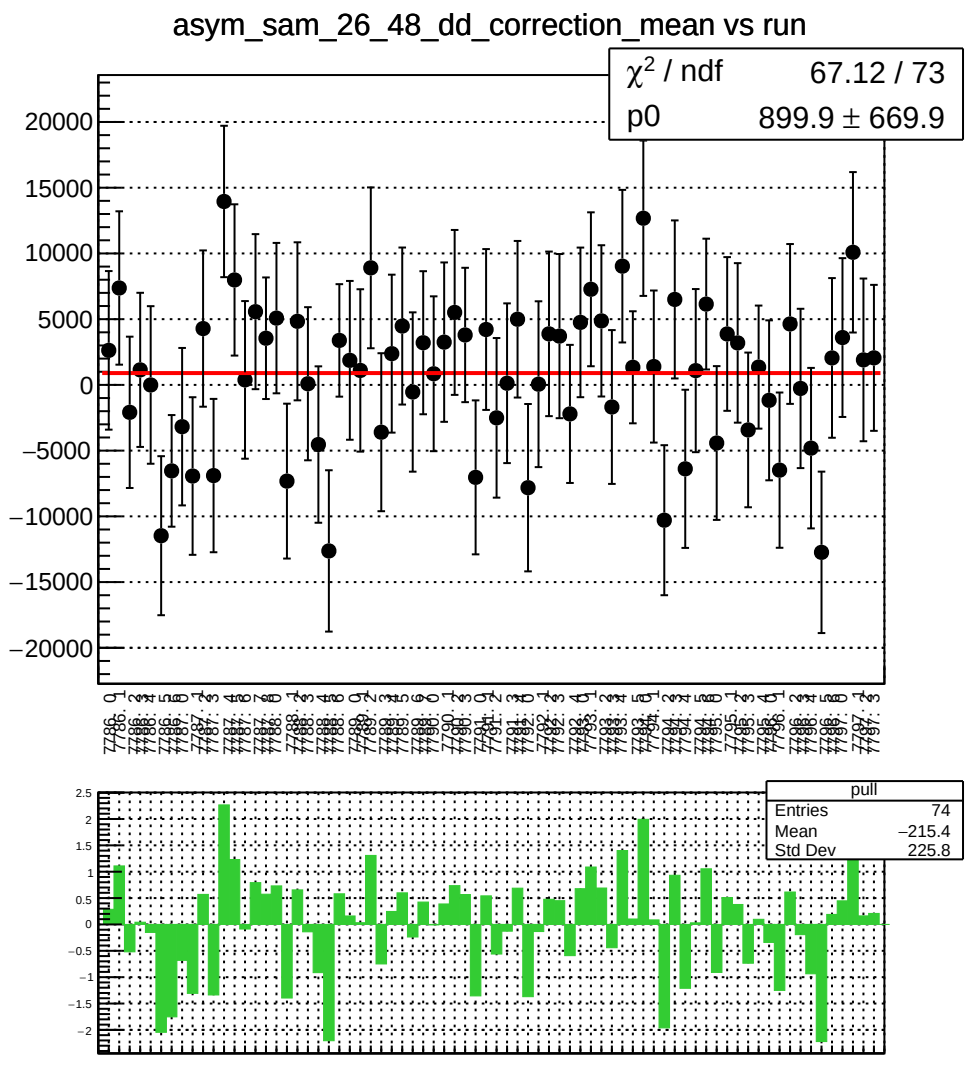

asym_sam_24_68_dd_mean vs run
×10^3
χ² / ndf 70.48 / 73
p0 5259 ± 3262
pull
Entries 74
Mean 241
Std Dev 301.8

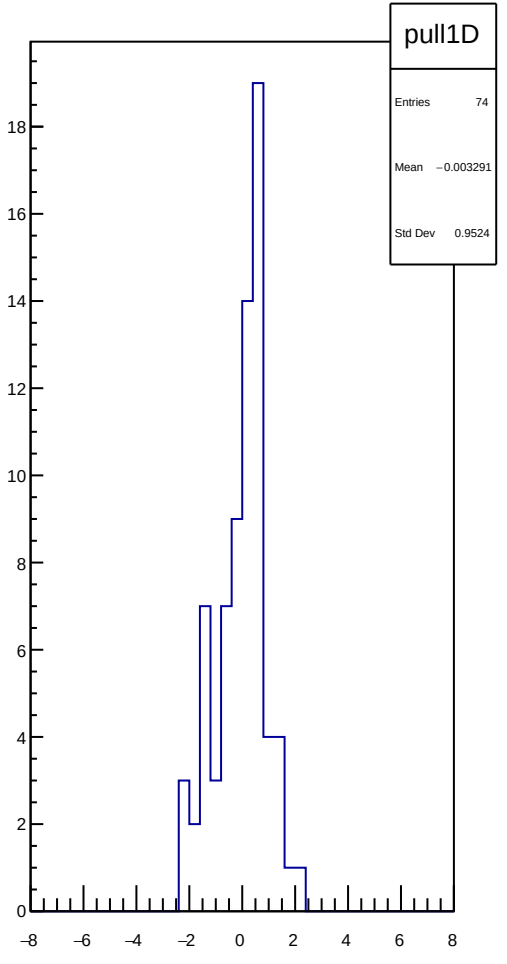

pull1D
Entries 74
Mean 0.00152
Std Dev 0.976

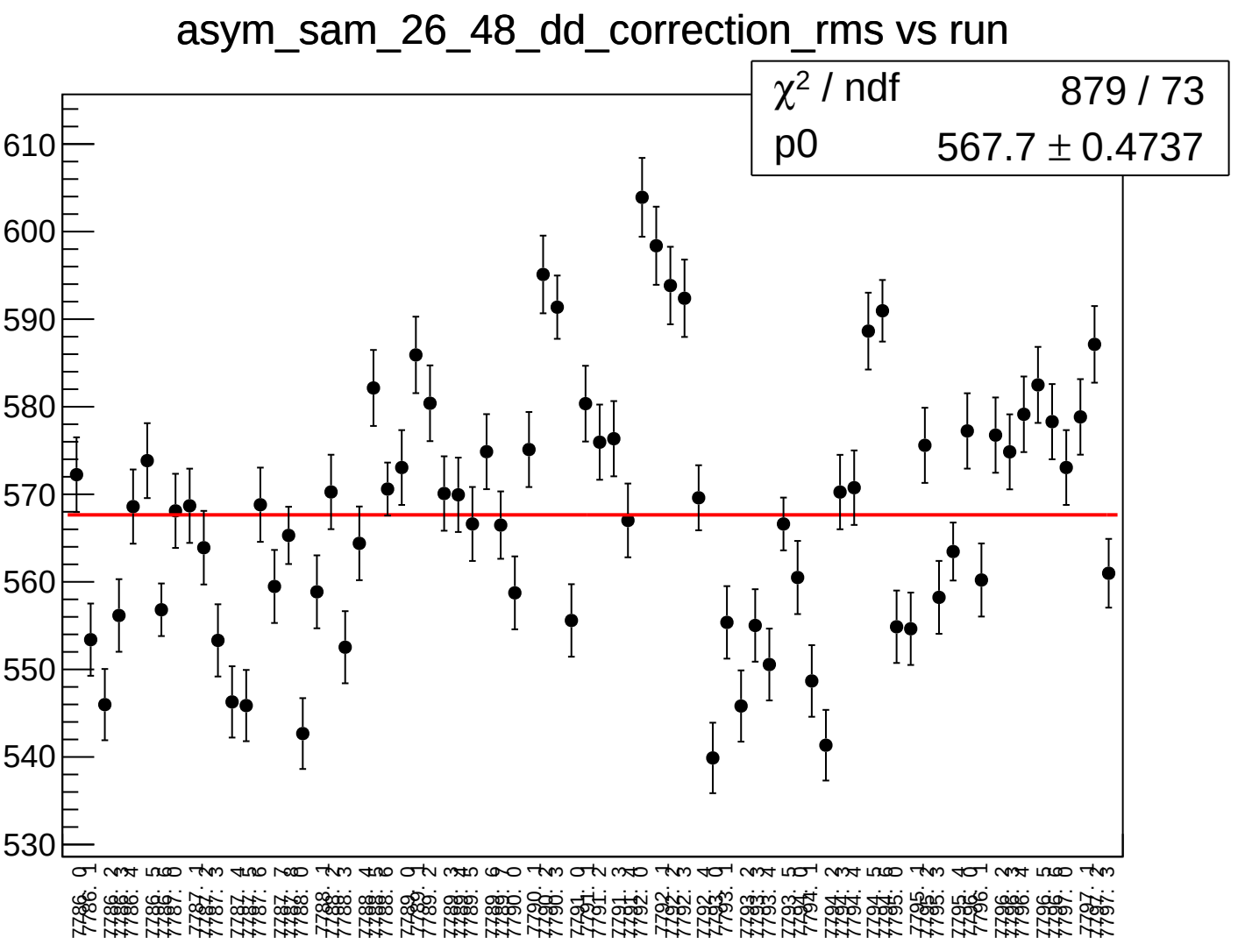

asym_sam_24_68_dd_rms vs run
χ² / ndf 2311 / 73
p0 2763 ± 2.307
3100
3000
2900
2800
2700
2600
2500

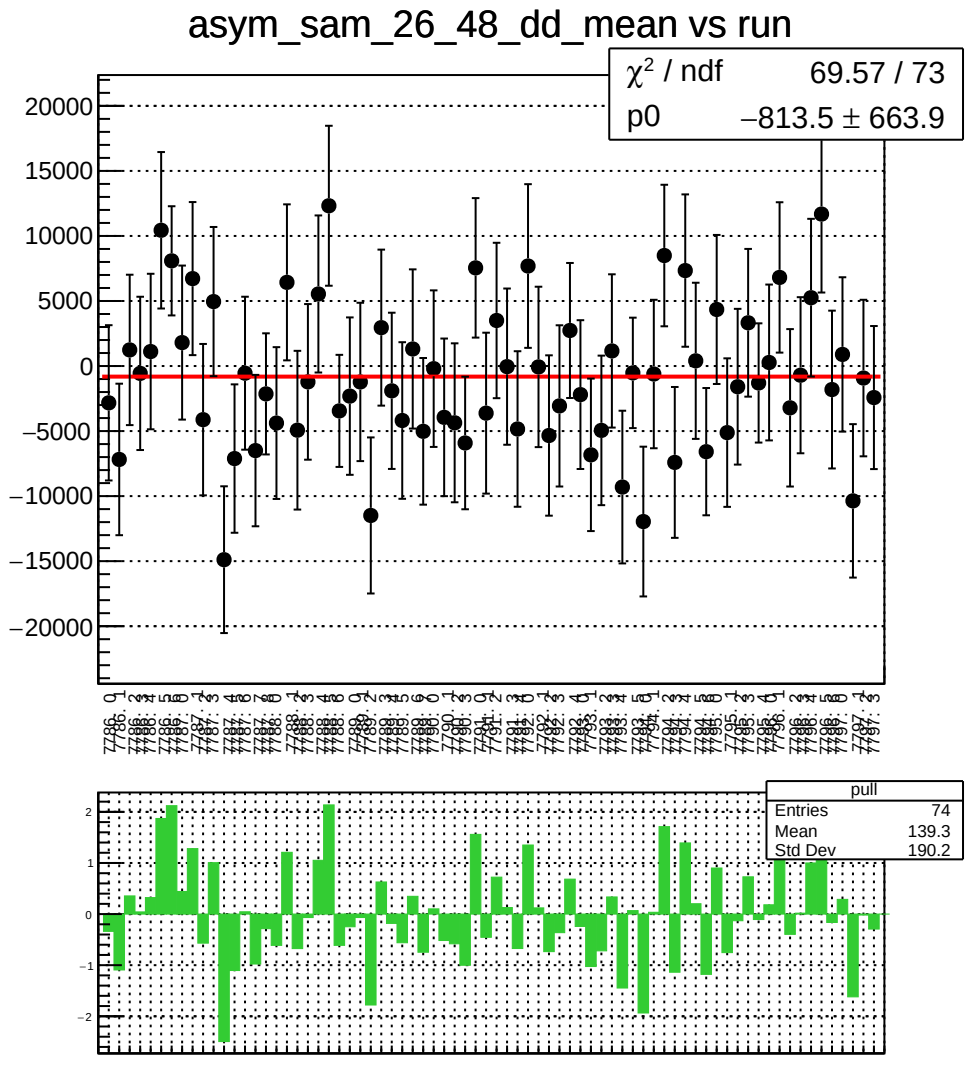

dit_asym_sam_26_48_dd_mean vs run
χ² / ndf 76.69 / 73
p0 46.89 ± 125.2
6000
4000
2000
0
−2000
−4000
pull
Entries 74
Mean −349.8
Std Dev 391.3
pull1D
Entries 74
Mean −0.008778
Std Dev 1.018

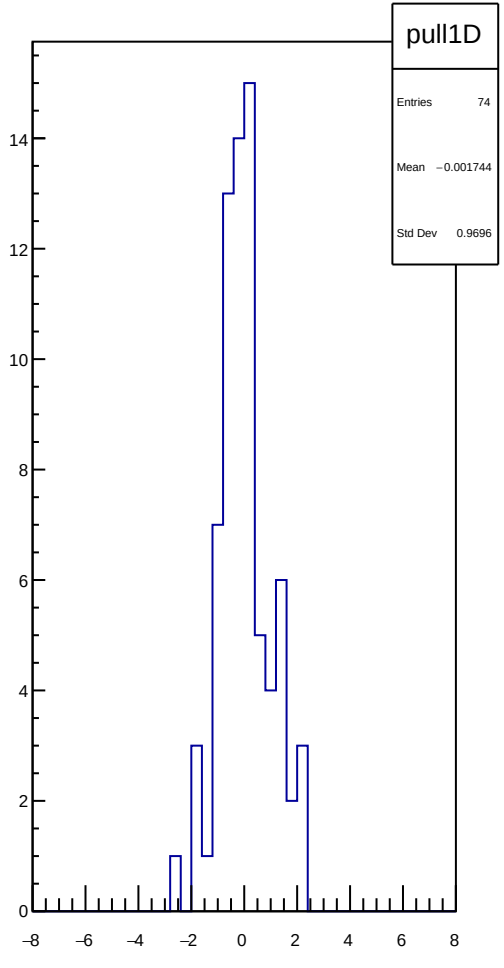

dit_asym_sam_26_48_dd_rms vs run
χ² / ndf 3429 / 73
p0 106 ± 0.08853
150
140
130
120
110
100

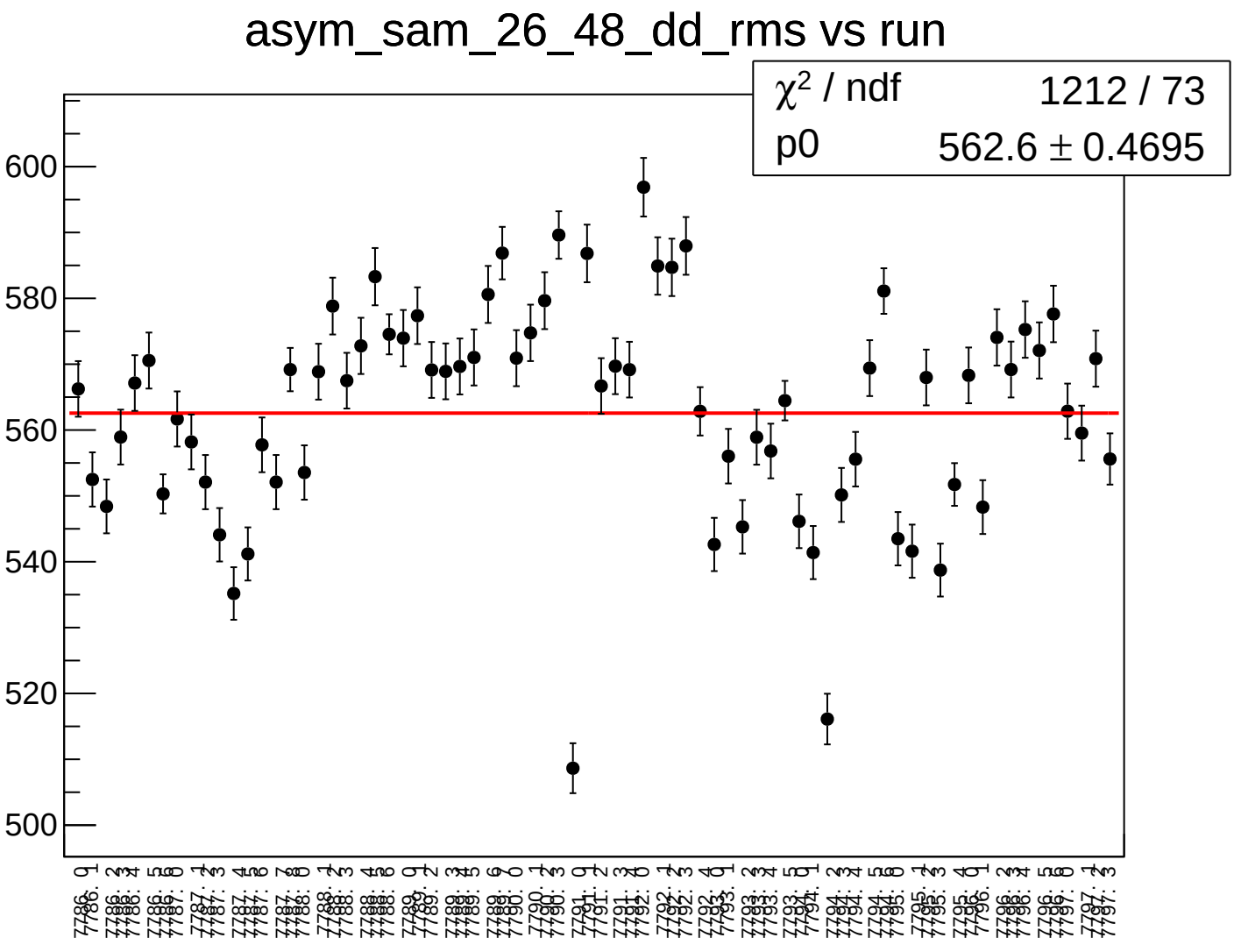

asym_sam_26_48_dd_correction_mean vs run
χ² / ndf 67.12 / 73
p0 899.9 ± 669.9
pull
Entries 74
Mean −215.4
Std Dev 225.8

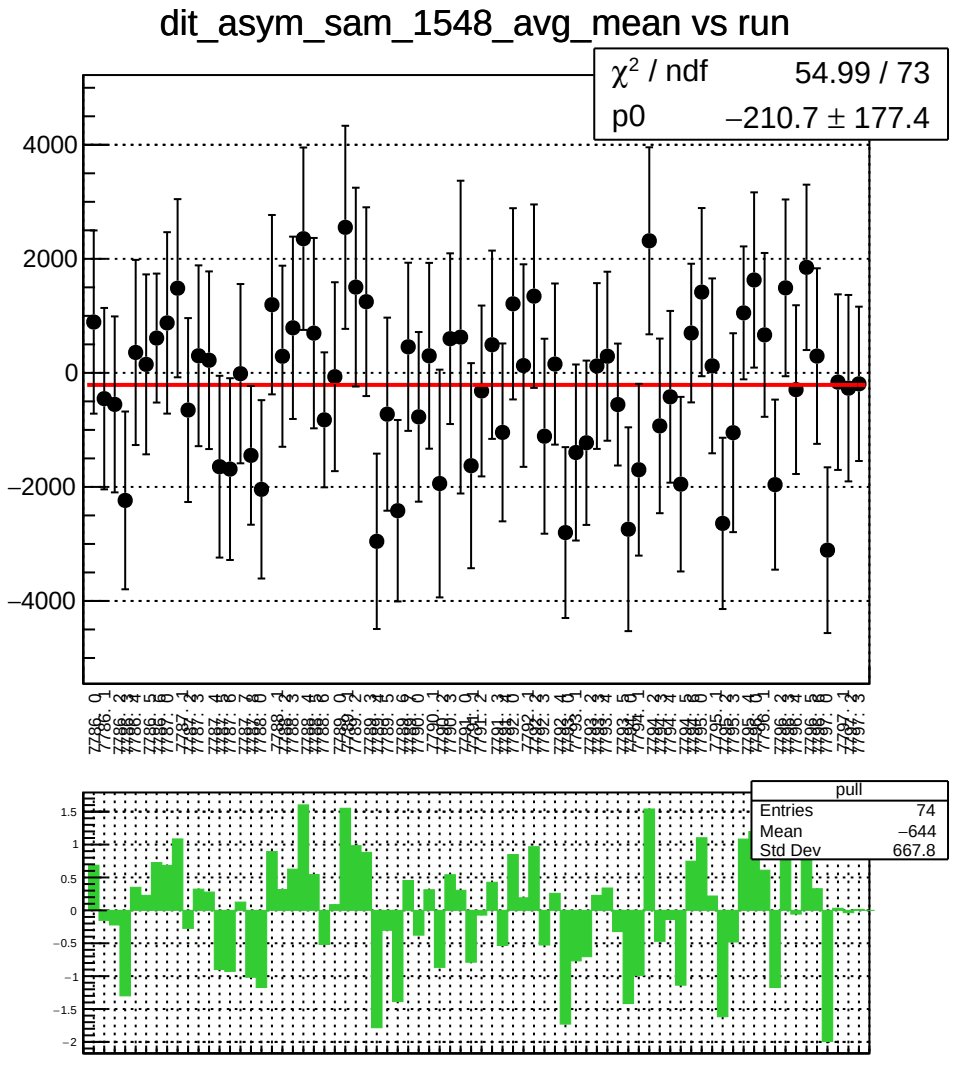

pull1D
Entries 74
Mean −0.003291
Std Dev 0.9524

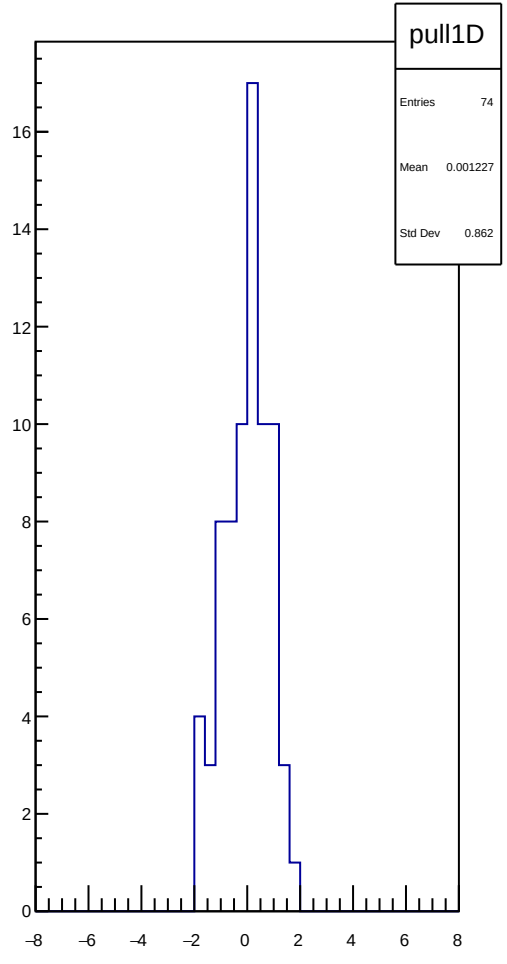

asym_sam_26_48_dd_correction_rms vs run
χ² / ndf 879 / 73
p0 567.7 ± 0.4737
610
600
590
580
570
560
550
540
530

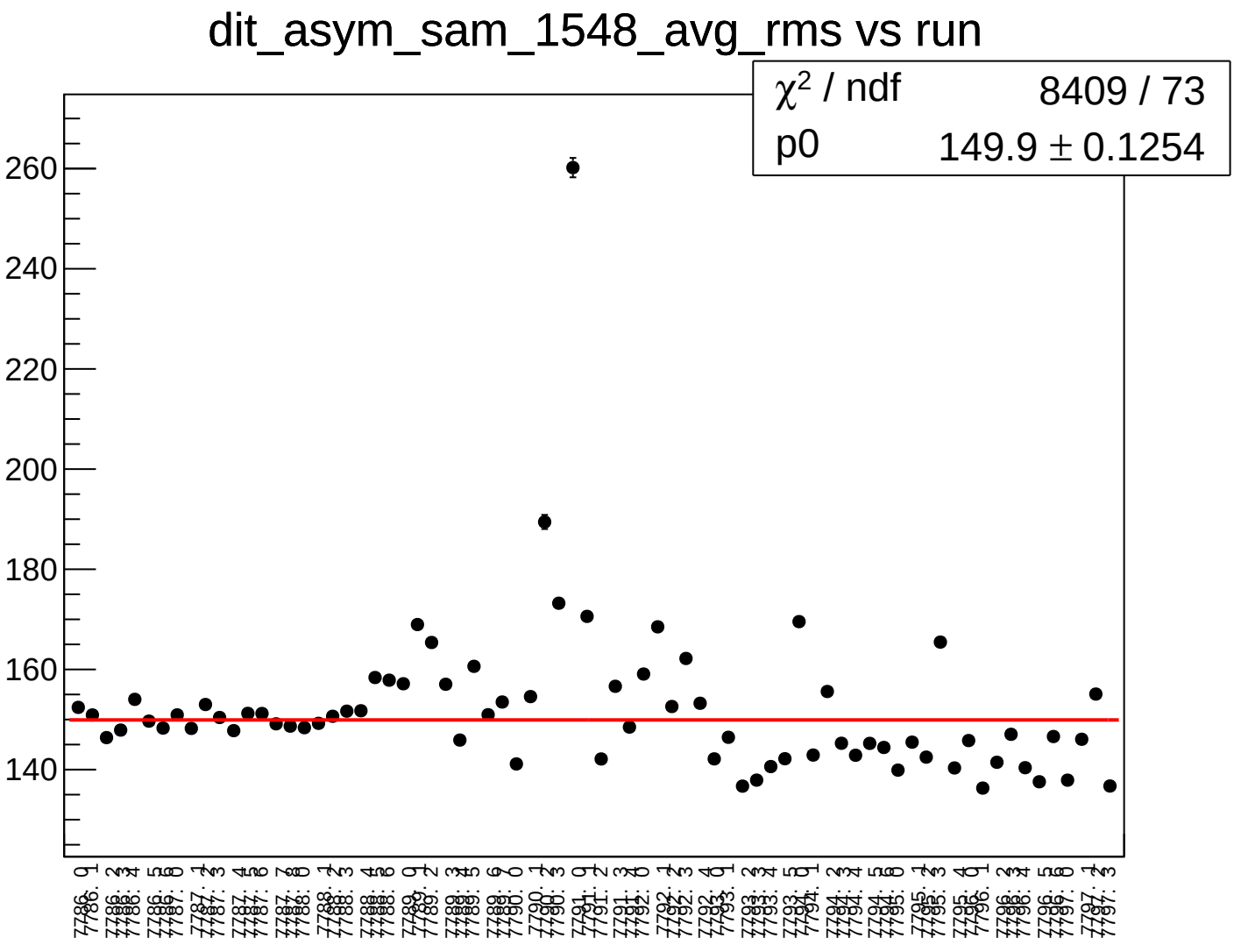

asym_sam_26_48_dd_mean vs run
χ² / ndf 69.57 / 73
p0 −813.5 ± 663.9
pull
Entries 74
Mean 139.3
Std Dev 190.2

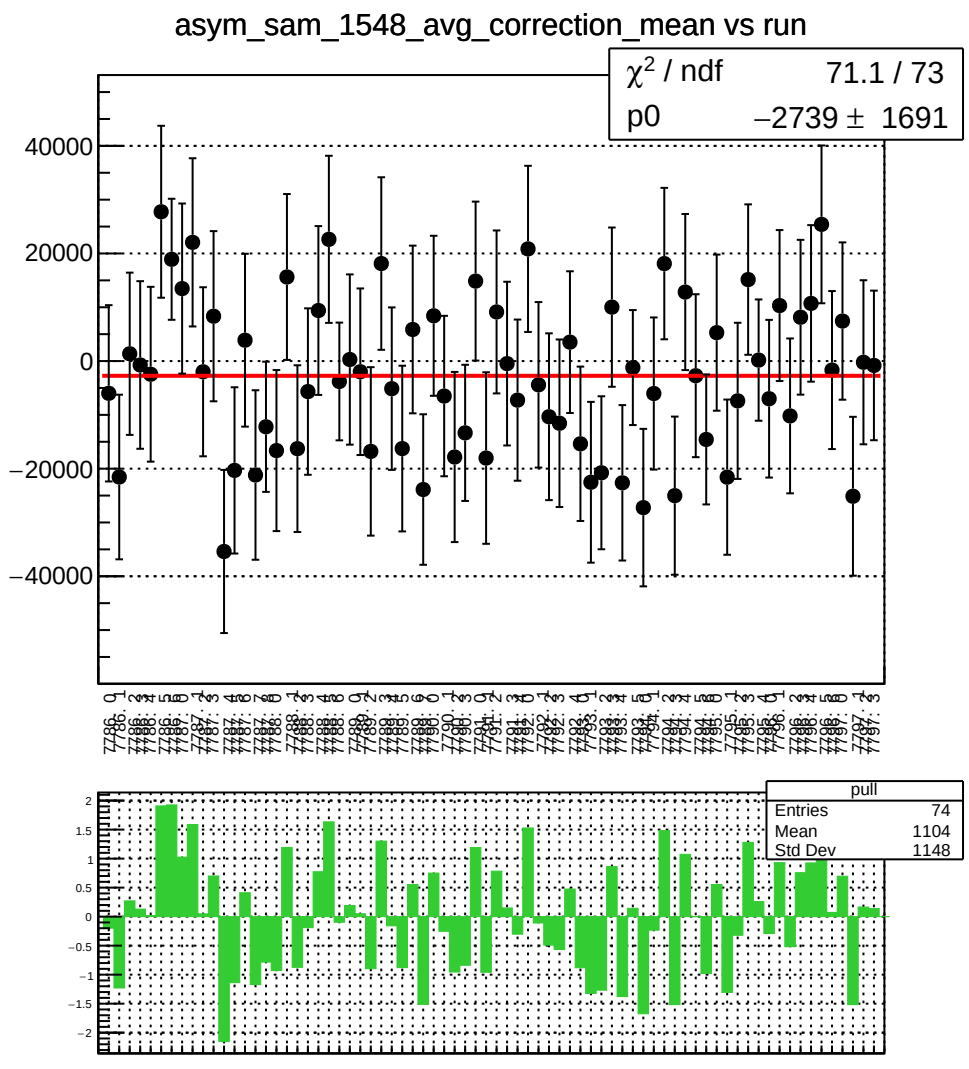

pull1D
Entries 74
Mean −0.001744
Std Dev 0.9696

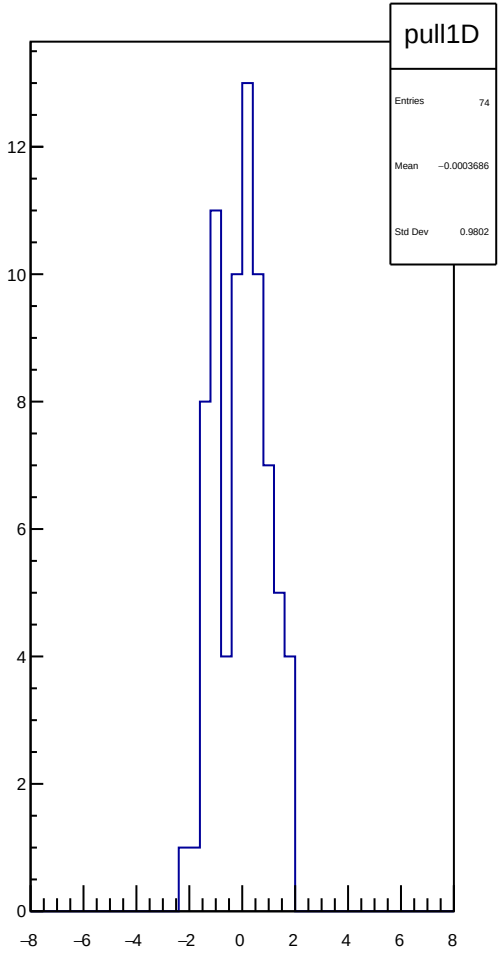

asym_sam_26_48_dd_rms vs run
χ² / ndf 1212 / 73
p0 562.6 ± 0.4695
600
580
560
540
520
500

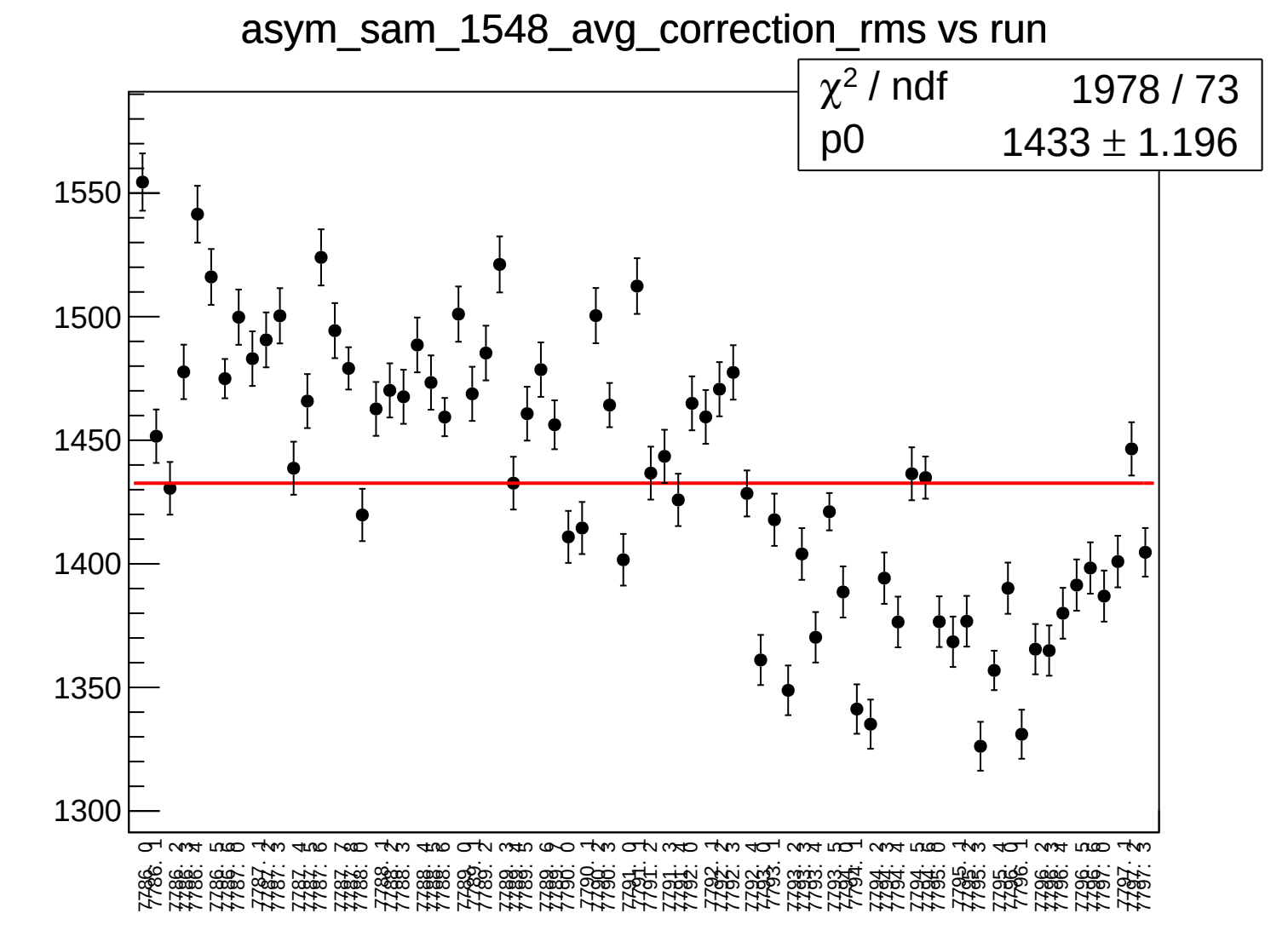

dit_asym_sam_1548_avg_mean vs run
χ² / ndf 54.99 / 73
p0 −210.7 ± 177.4
4000
2000
0
−2000
−4000
pull
Entries 74
Mean −644
Std Dev 667.8
1.5
1
0.5
0
−0.5
−1
−1.5
−2

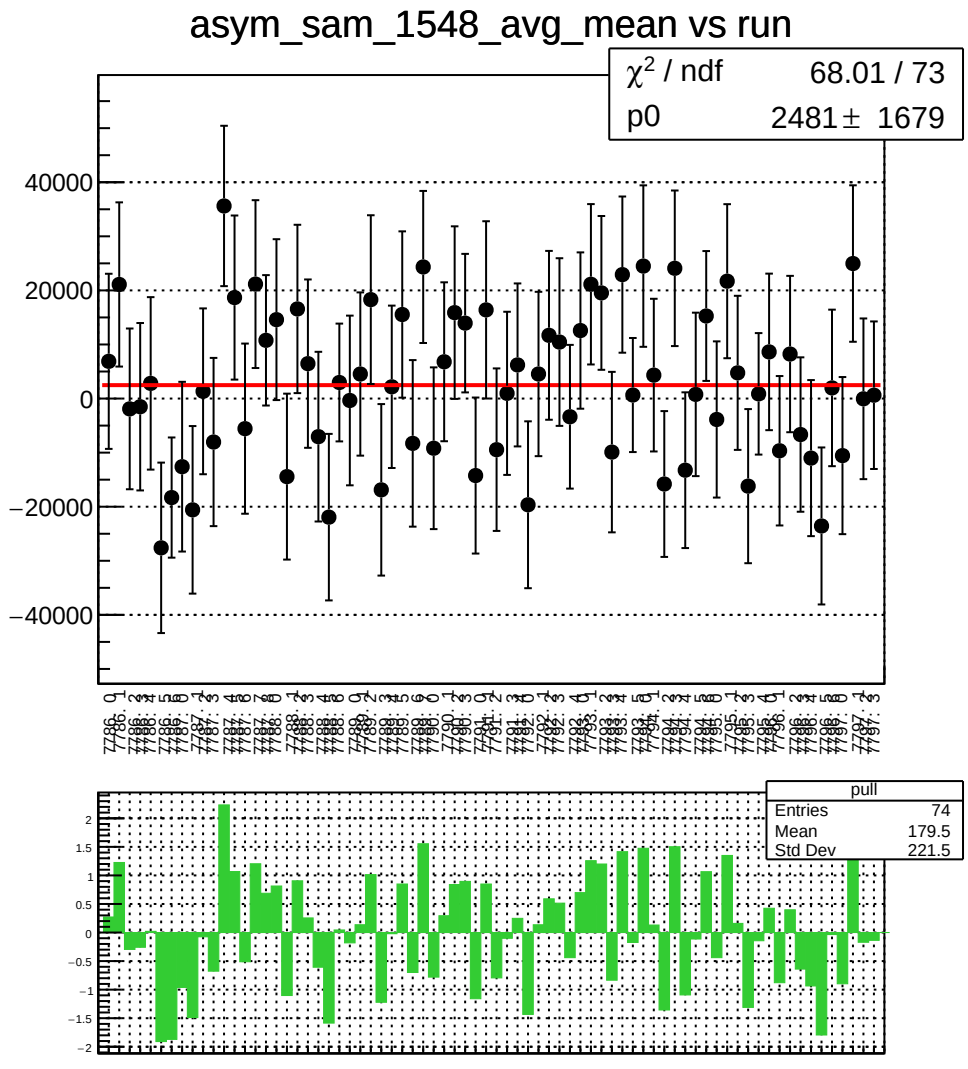

pull1D
Entries 74
Mean 0.001227
Std Dev 0.862
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

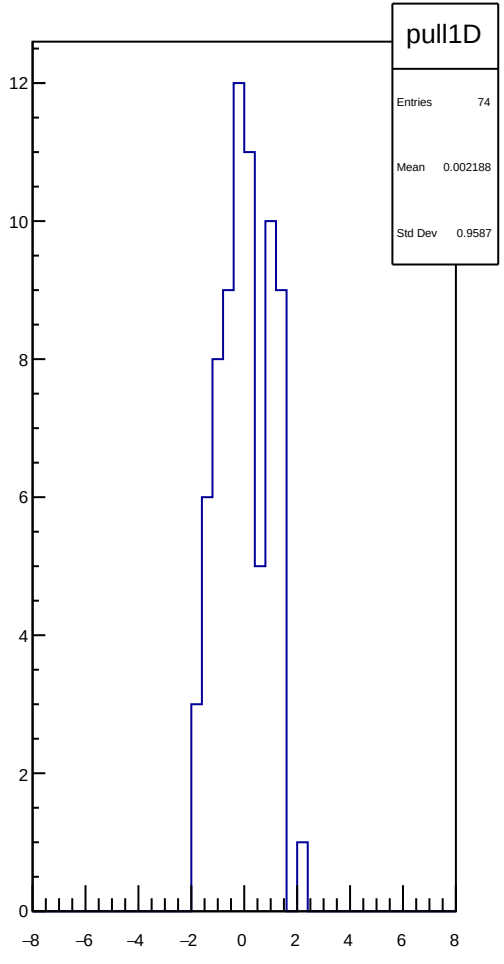

dit_asym_sam_1548_avg_rms vs run
χ² / ndf 8409 / 73
p0 149.9 ± 0.1254
260
240
220
200
180
160
140

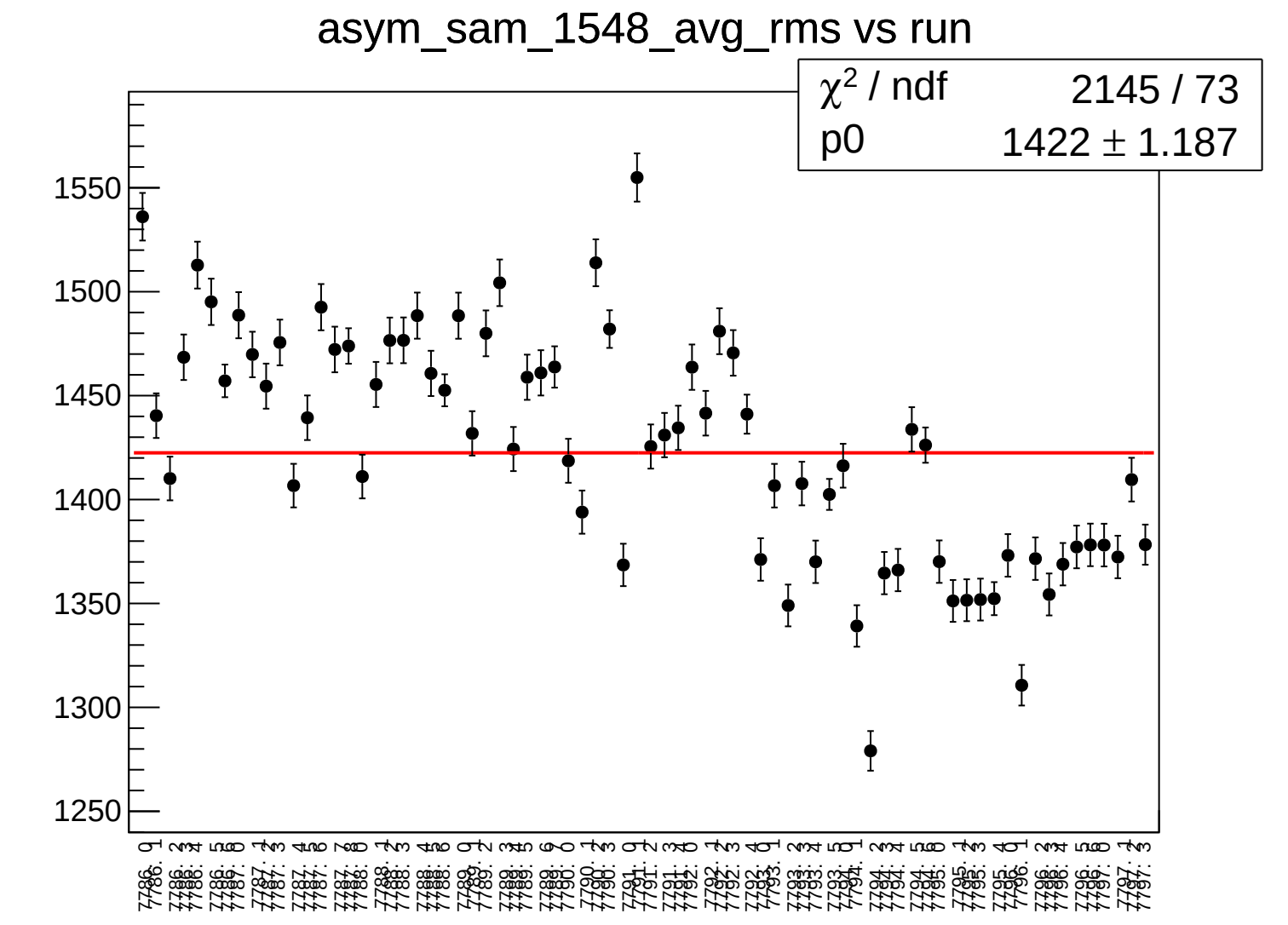

asym_sam_1548_avg_correction_mean vs run
χ² / ndf 71.1 / 73
p0 −2739 ± 1691
40000
20000
0
−20000
−40000
pull
Entries 74
Mean 1104
Std Dev 1148
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

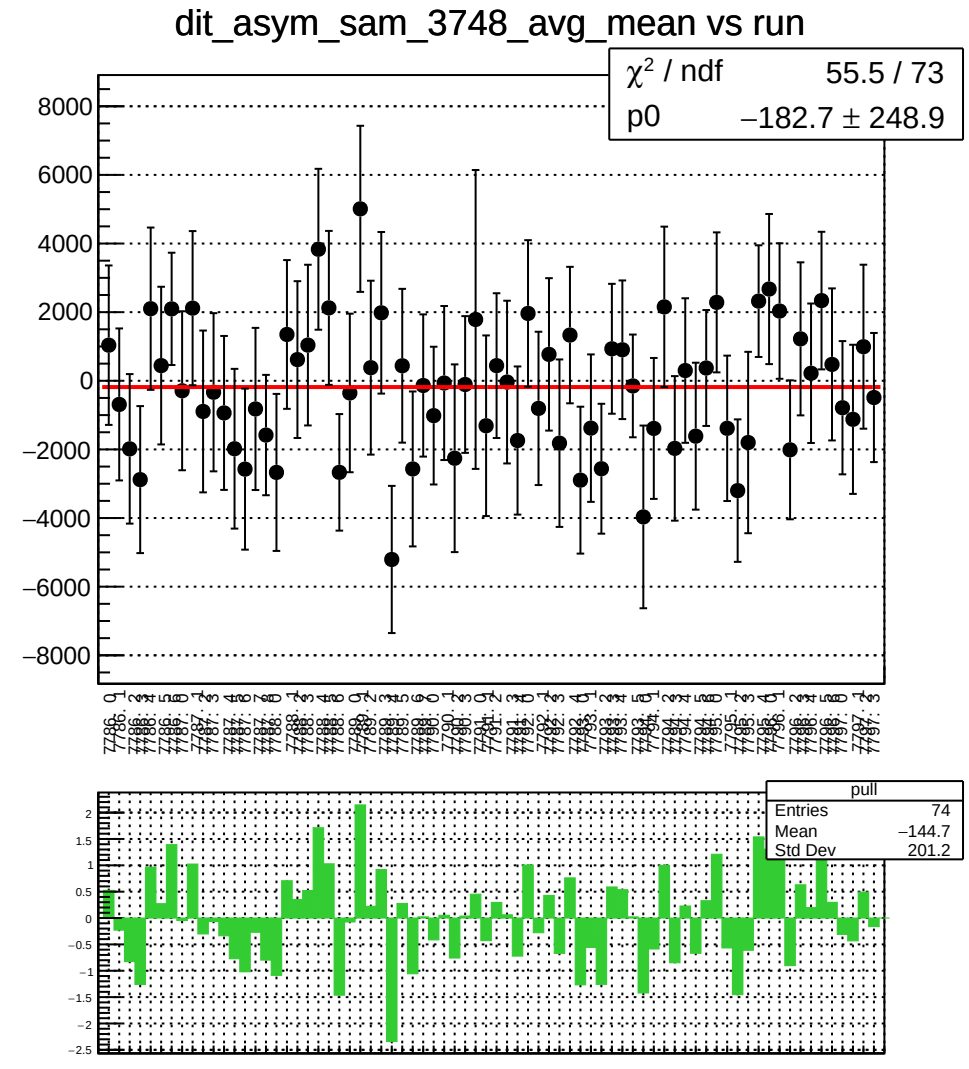

pull1D
Entries 74
Mean −0.0003686
Std Dev 0.9802
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

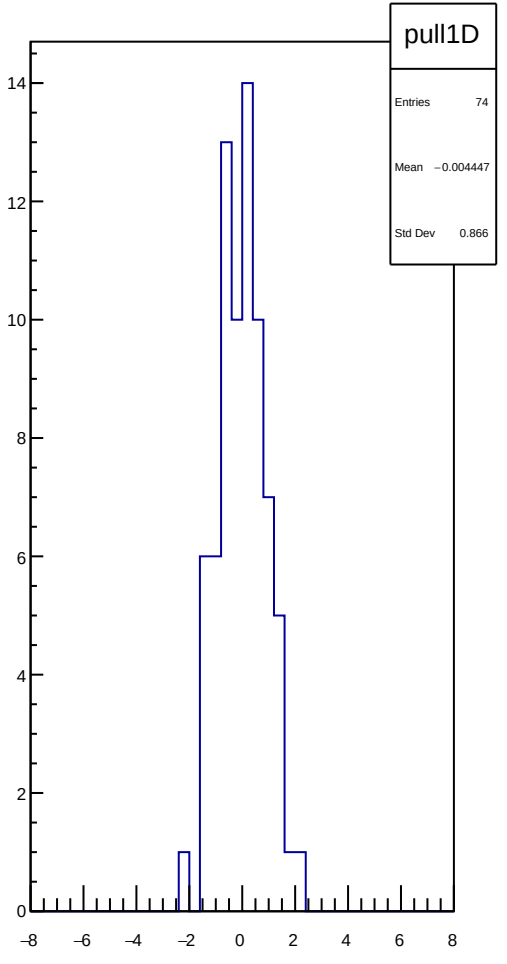

asym_sam_1548_avg_correction_rms vs run
χ² / ndf 1978 / 73
p0 1433 ± 1.196
1550
1500
1450
1400
1350
1300

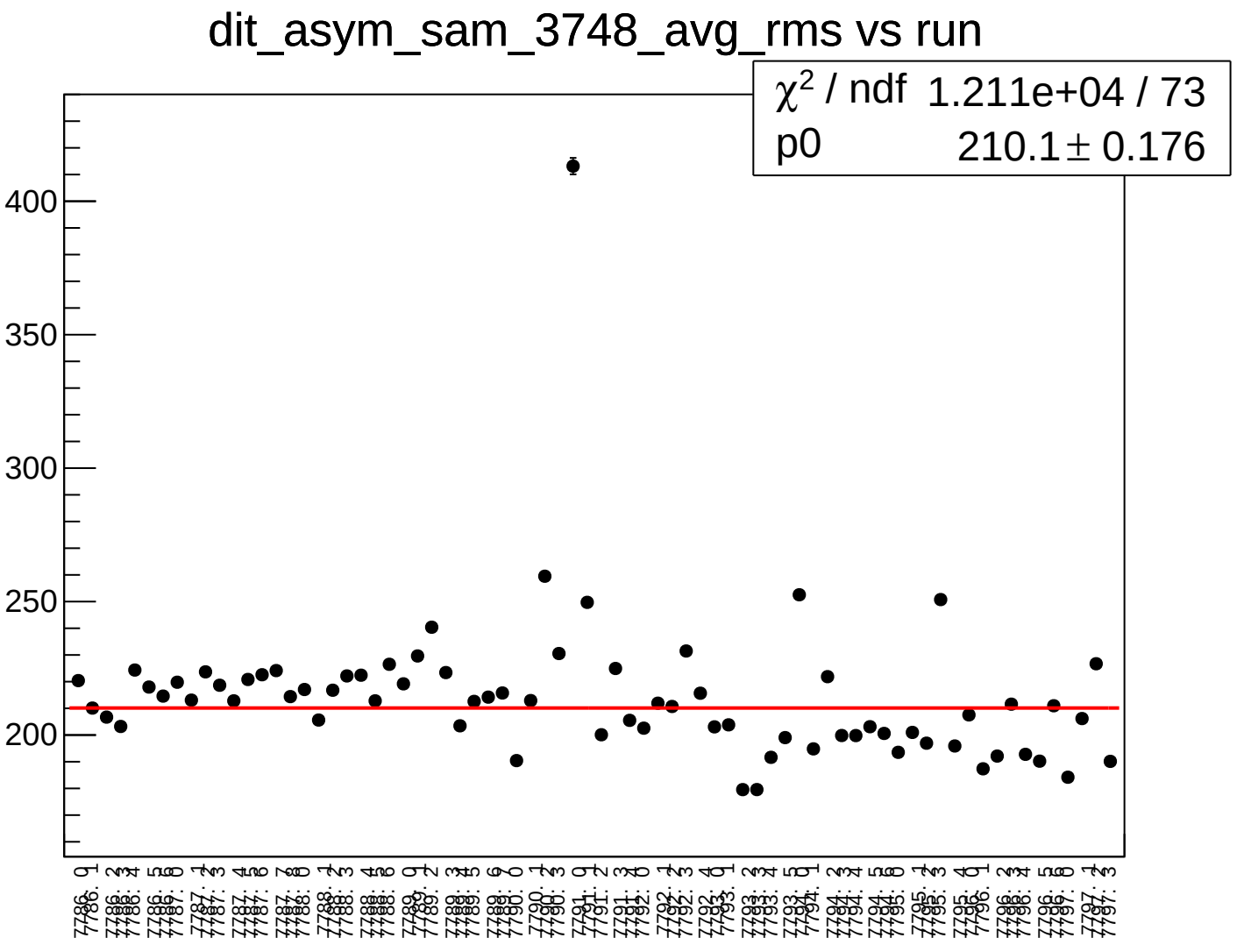

asym_sam_1548_avg_mean vs run
χ² / ndf 68.01 / 73
p0 2481 ± 1679
40000
20000
0
−20000
−40000
pull
Entries 74
Mean 179.5
Std Dev 221.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

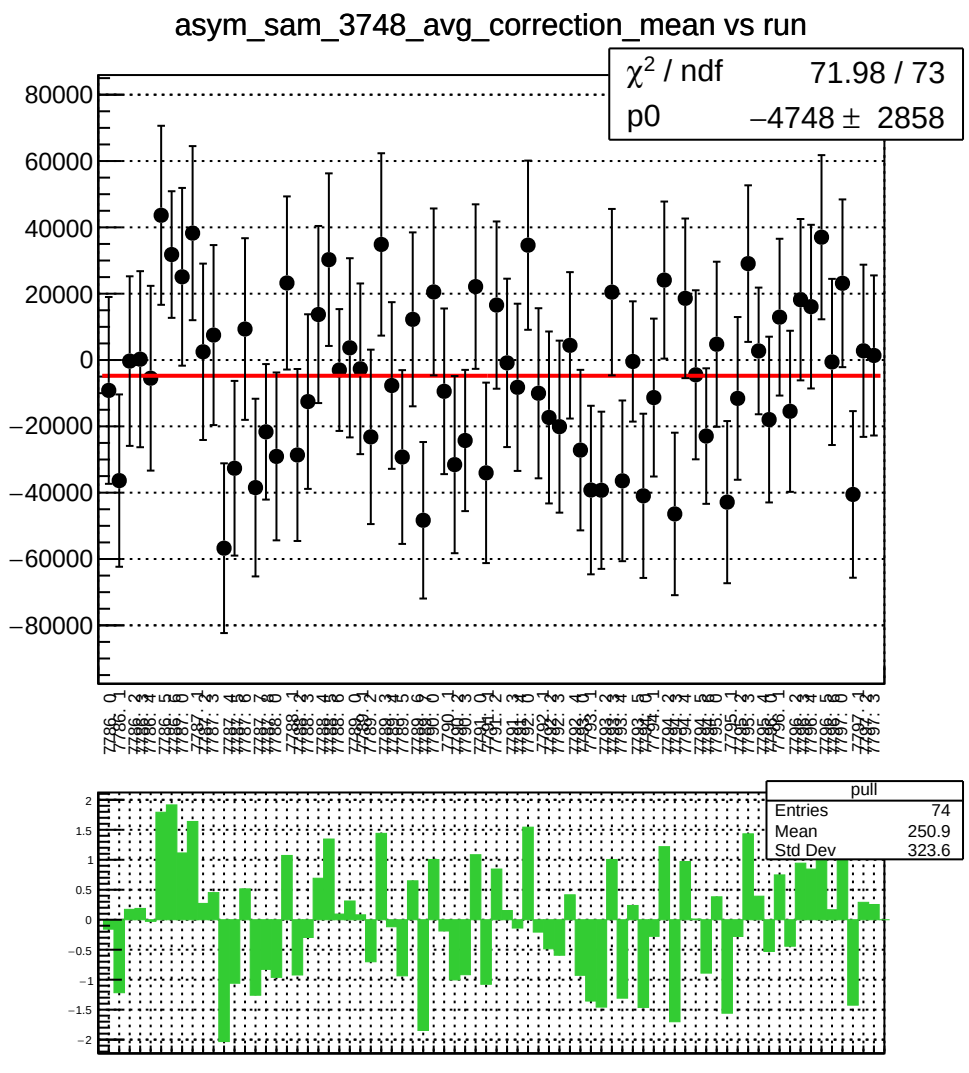

pull1D
Entries 74
Mean 0.002188
Std Dev 0.9587
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

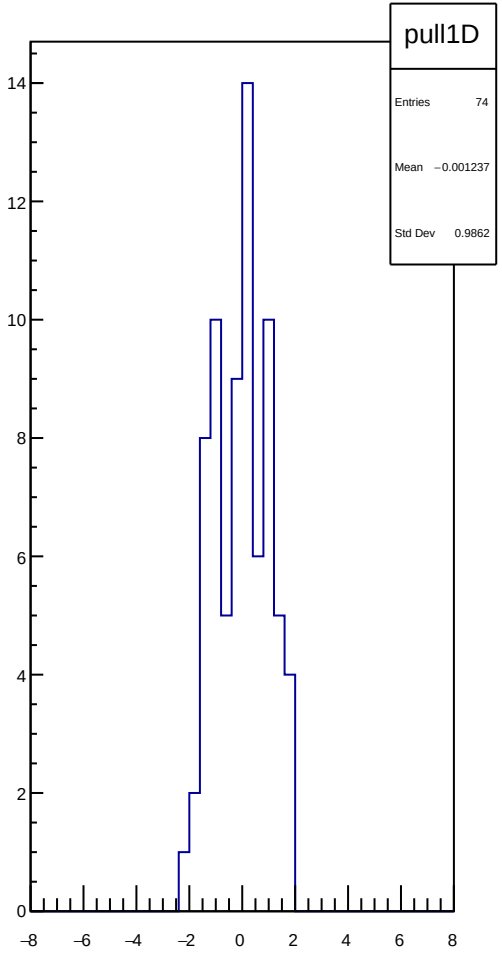

asym_sam_1548_avg_rms vs run
$\chi^2$ / ndf 2145 / 73
p0 1422 ± 1.187
1550
1500
1450
1400
1350
1300
1250

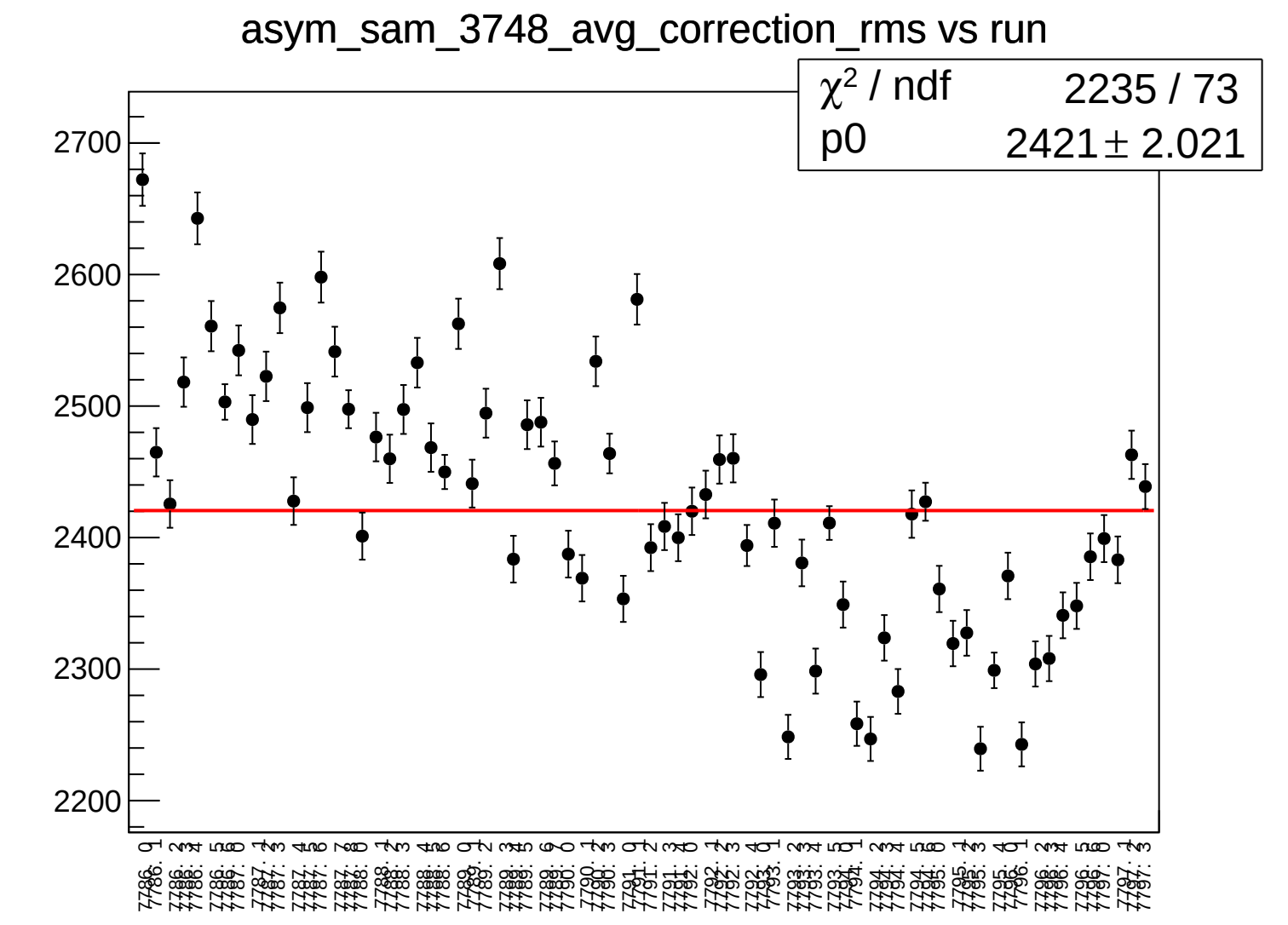

dit_asym_sam_3748_avg_mean vs run
χ² / ndf 55.5 / 73
p0 −182.7 ± 248.9
pull
Entries 74
Mean −144.7
Std Dev 201.2

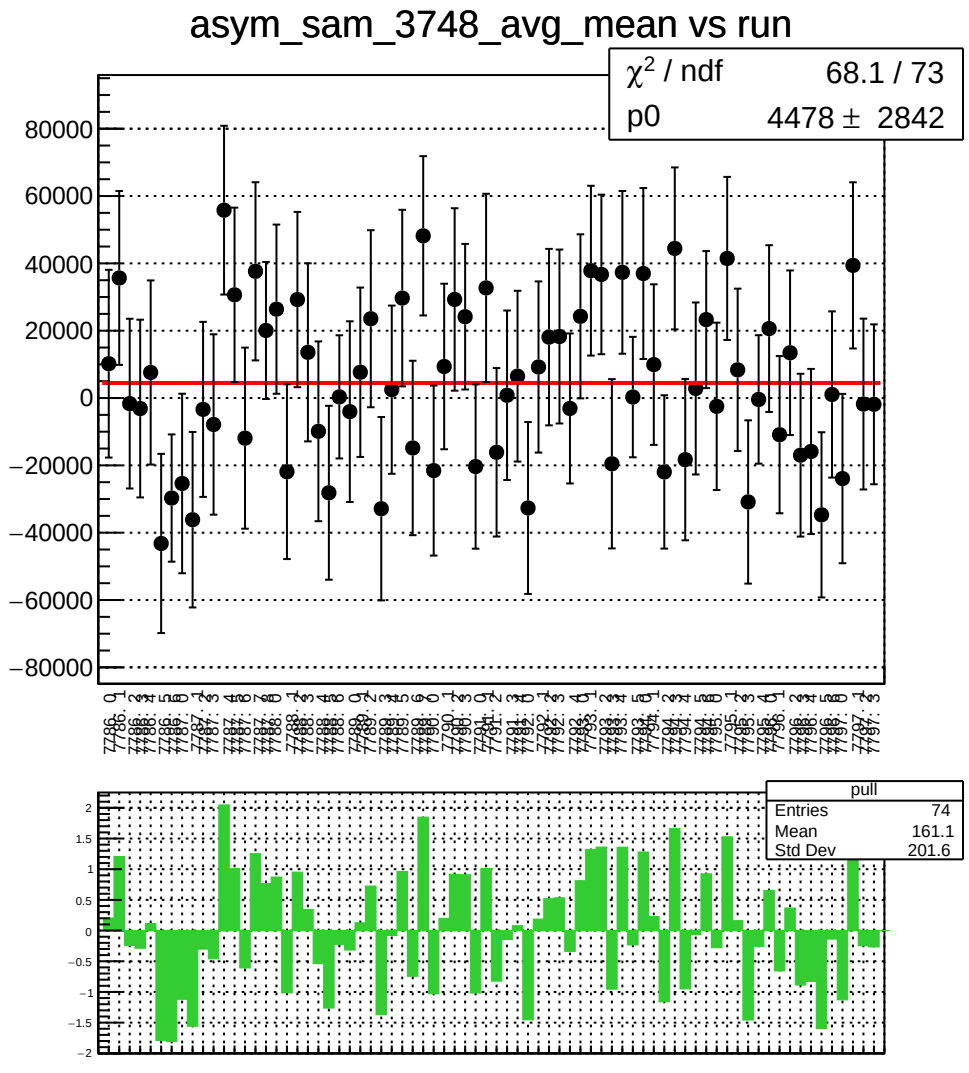

pull1D
Entries 74
Mean −0.004447
Std Dev 0.866

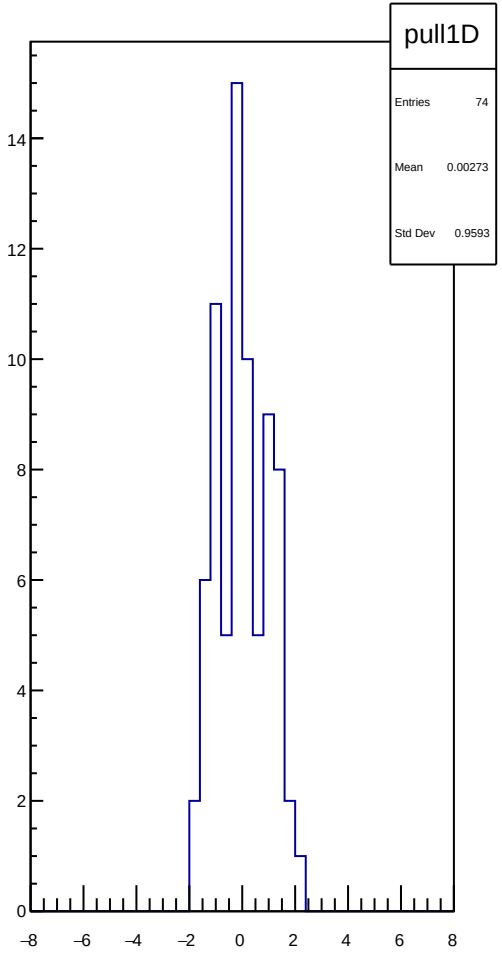

dit_asym_sam_3748_avg_rms vs run
$\chi^2$ / ndf 1.211e+04 / 73
p0 210.1 ± 0.176
400
350
300
250
200

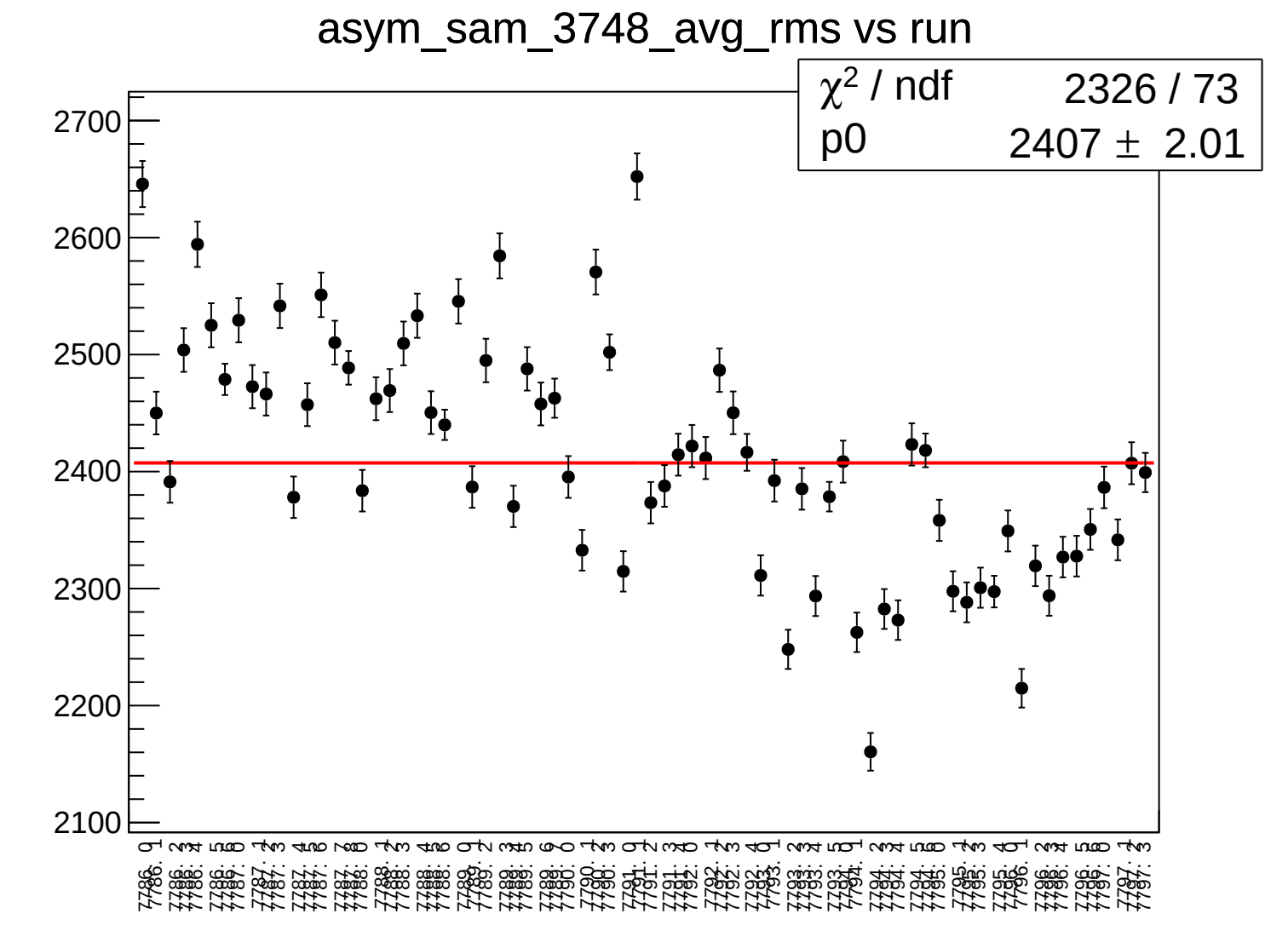

asym_sam_3748_avg_correction_mean vs run
χ² / ndf 71.98 / 73
p0 −4748 ± 2858
pull
Entries 74
Mean 250.9
Std Dev 323.6

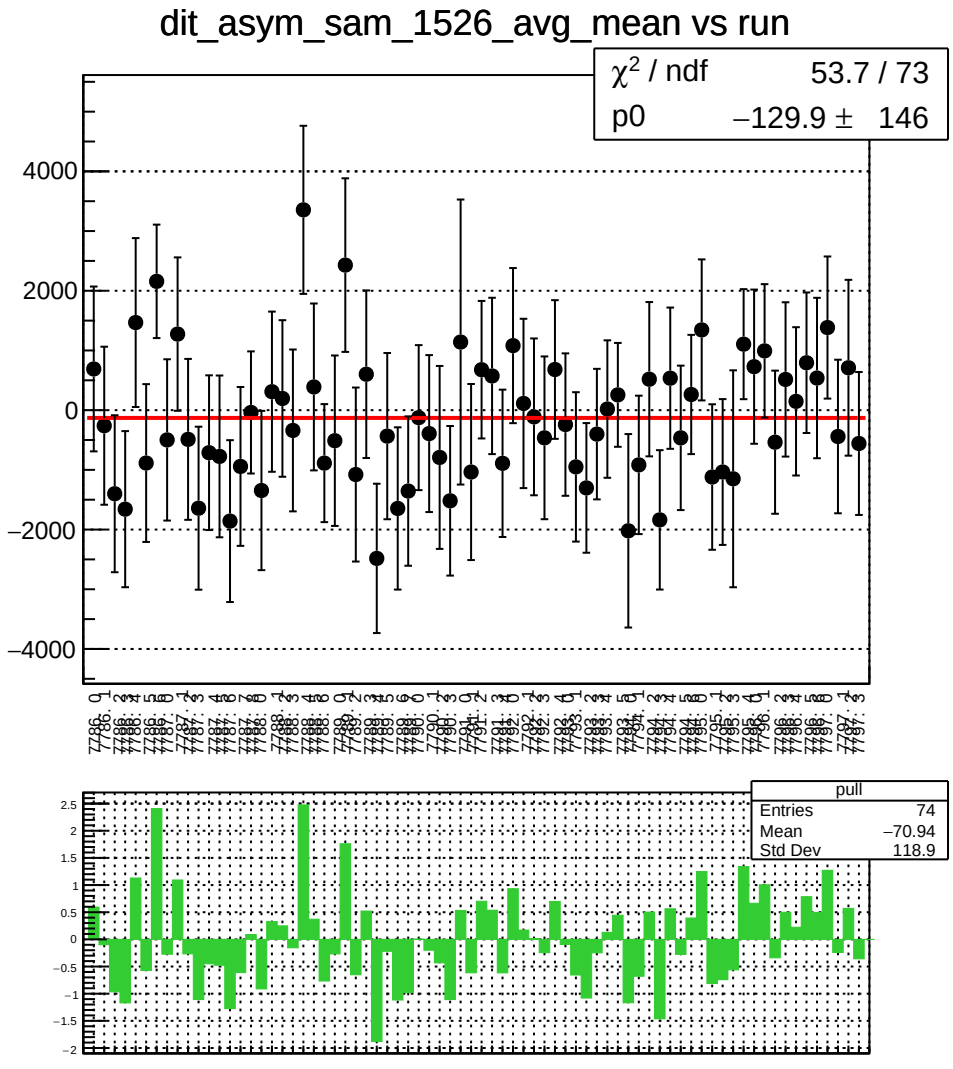

pull1D
Entries 74
Mean −0.001237
Std Dev 0.9862

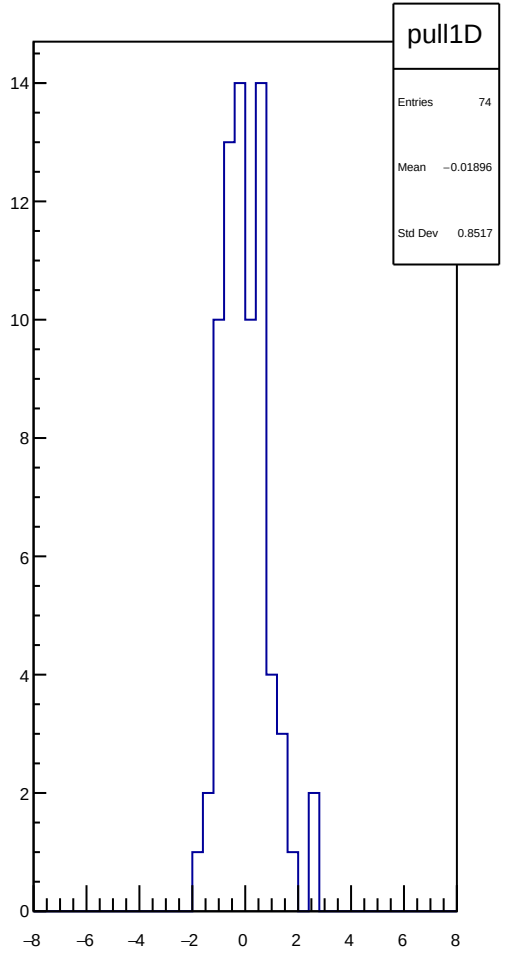

asym_sam_3748_avg_correction_rms vs run
χ² / ndf 2235 / 73
p0 2421 ± 2.021
2700
2600
2500
2400
2300
2200

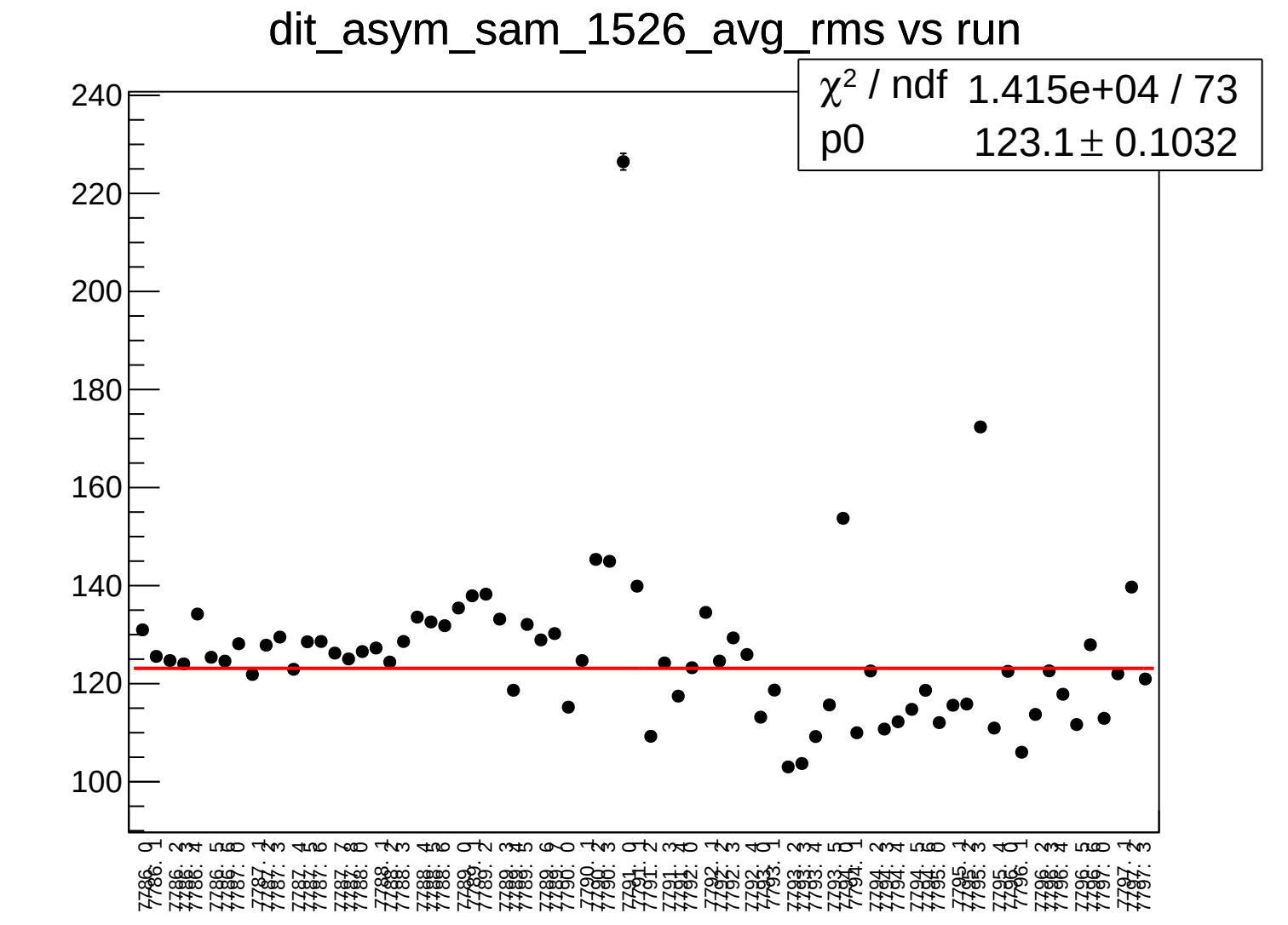

asym_sam_3748_avg_mean vs run
χ² / ndf 68.1 / 73
p0 4478 ± 2842
pull
Entries 74
Mean 161.1
Std Dev 201.6

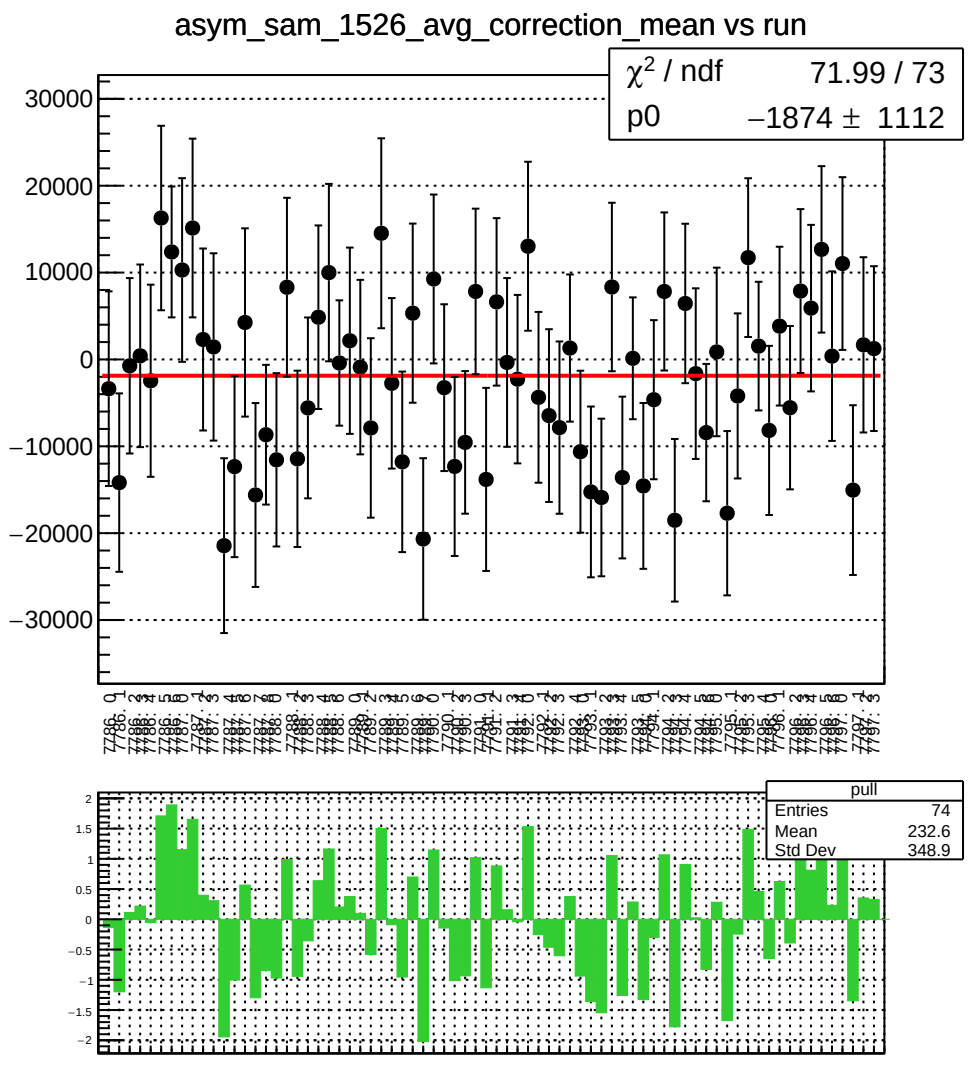

pull1D
Entries 74
Mean 0.00273
Std Dev 0.9593

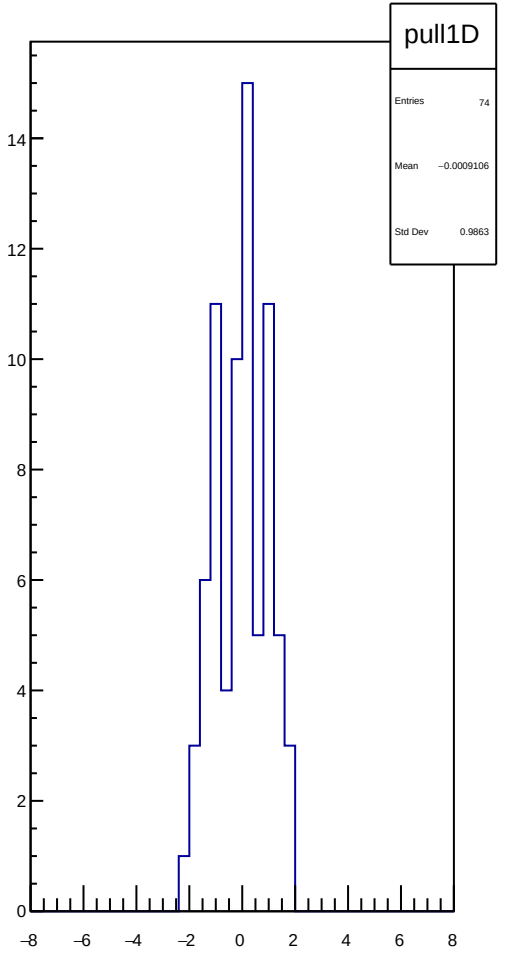

asym_sam_3748_avg_rms vs run
χ² / ndf 2326 / 73
p0 2407 ± 2.01
2700
2600
2500
2400
2300
2200
2100

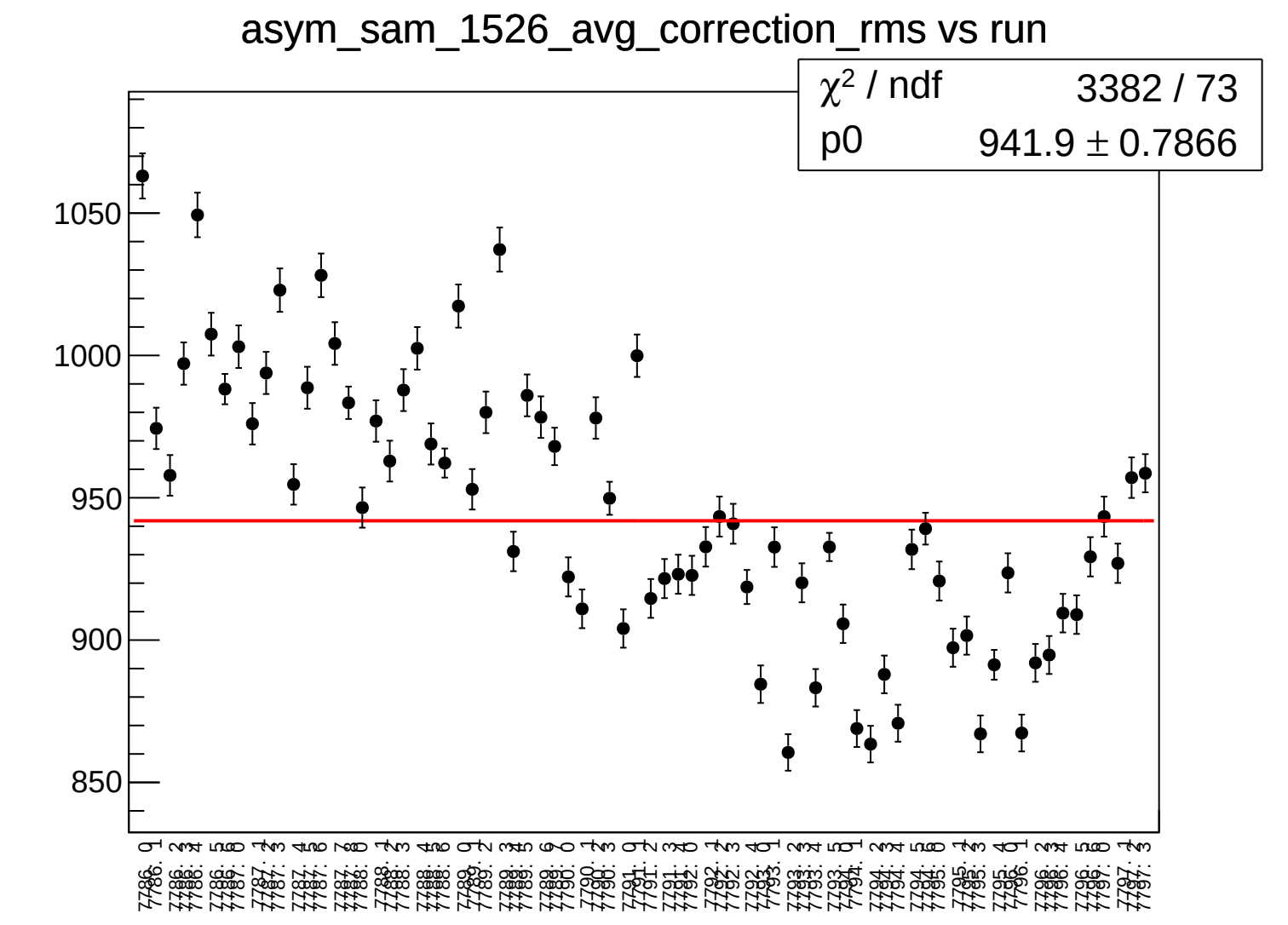

dit_asym_sam_1526_avg_mean vs run
χ² / ndf 53.7 / 73
p0 −129.9 ± 146
4000
2000
0
−2000
−4000
pull
Entries 74
Mean −70.94
Std Dev 118.9
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

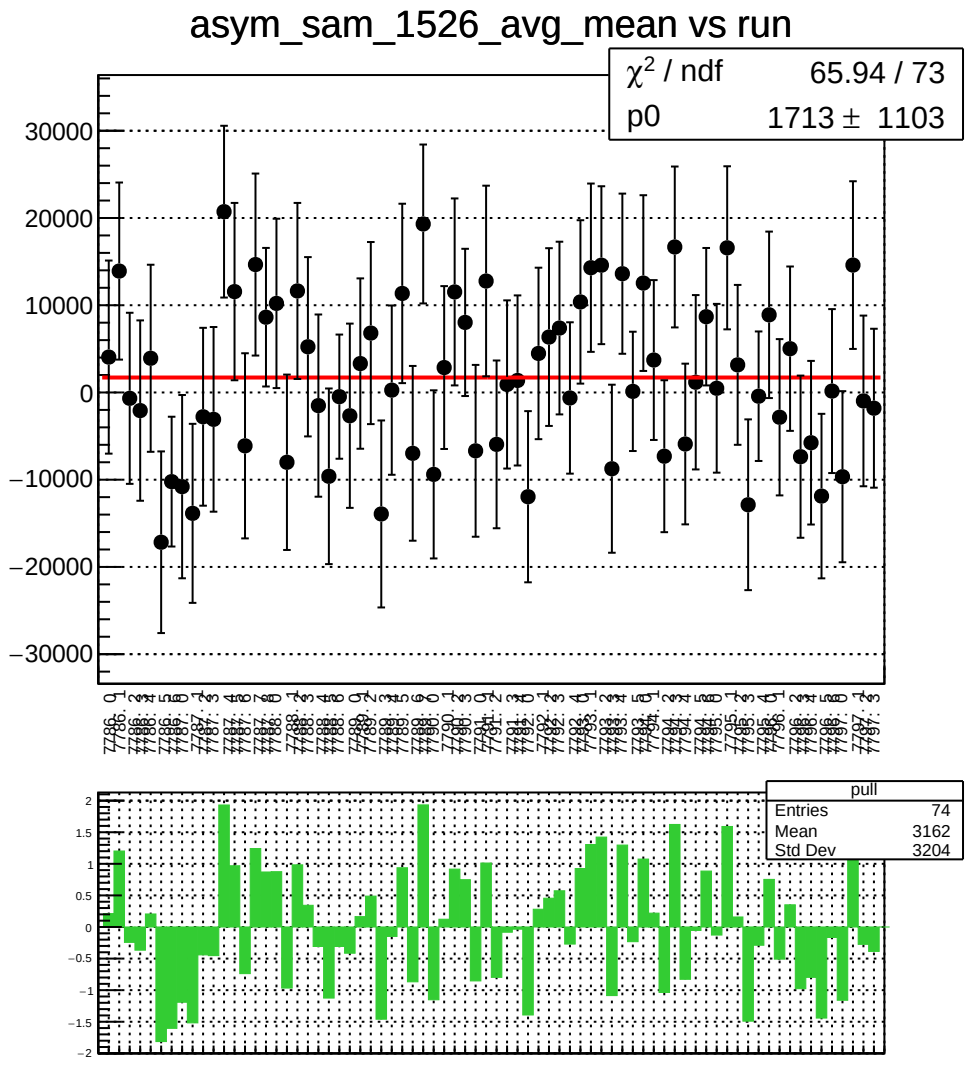

pull1D
Entries 74
Mean −0.01896
Std Dev 0.8517
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

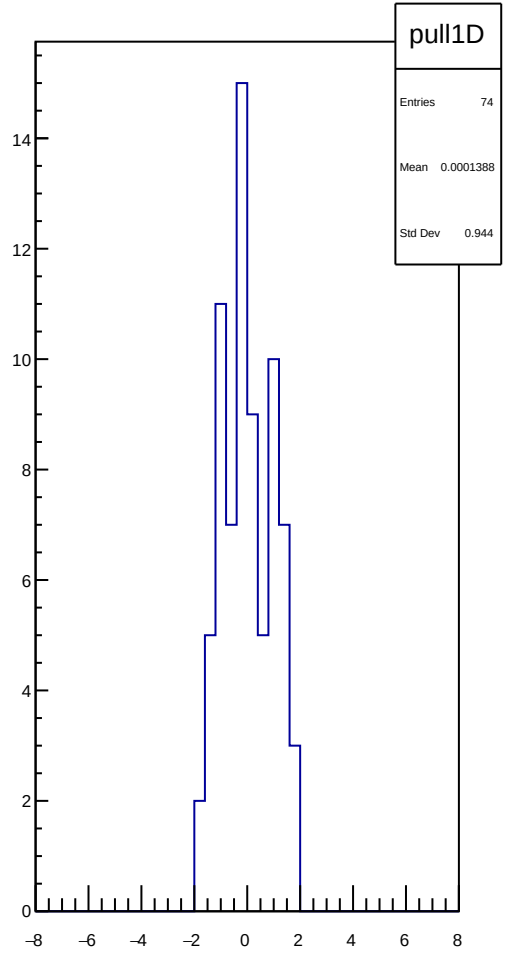

dit_asym_sam_1526_avg_rms vs run
χ² / ndf 1.415e+04 / 73
p0 123.1 ± 0.1032
240
220
200
180
160
140
120
100

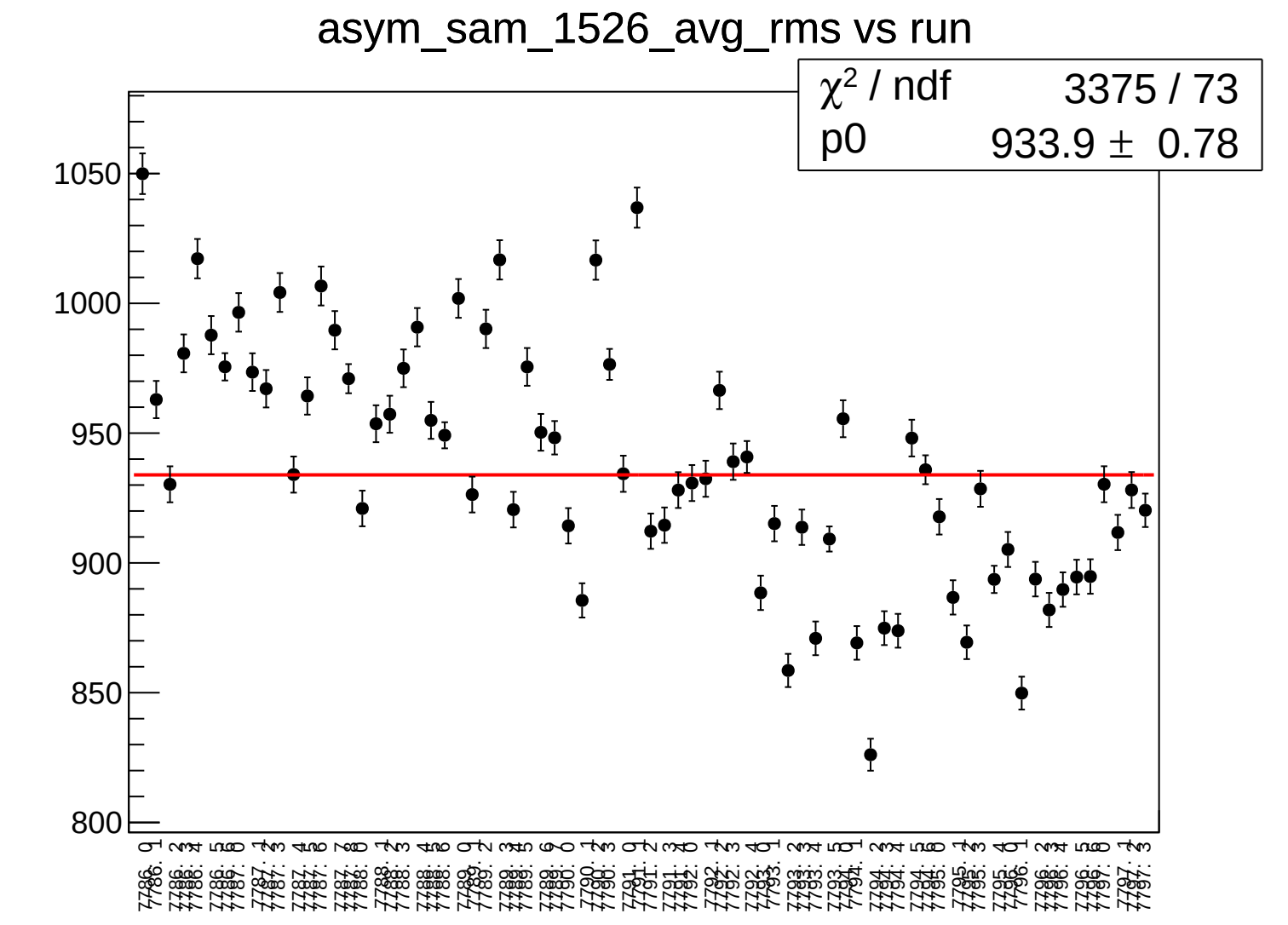

asym_sam_1526_avg_correction_mean vs run
χ² / ndf 71.99 / 73
p0 −1874 ± 1112
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 74
Mean 232.6
Std Dev 348.9
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

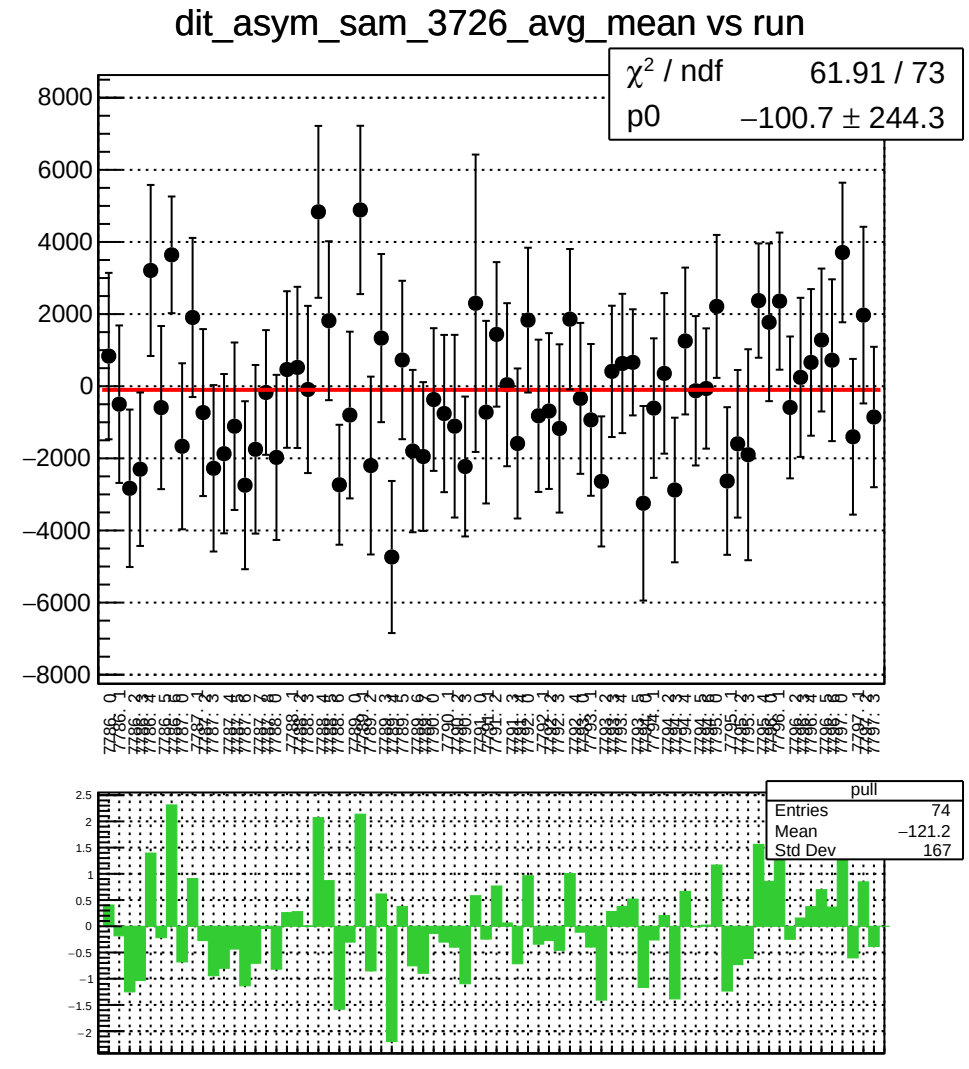

pull1D
Entries 74
Mean −0.0009106
Std Dev 0.9863
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

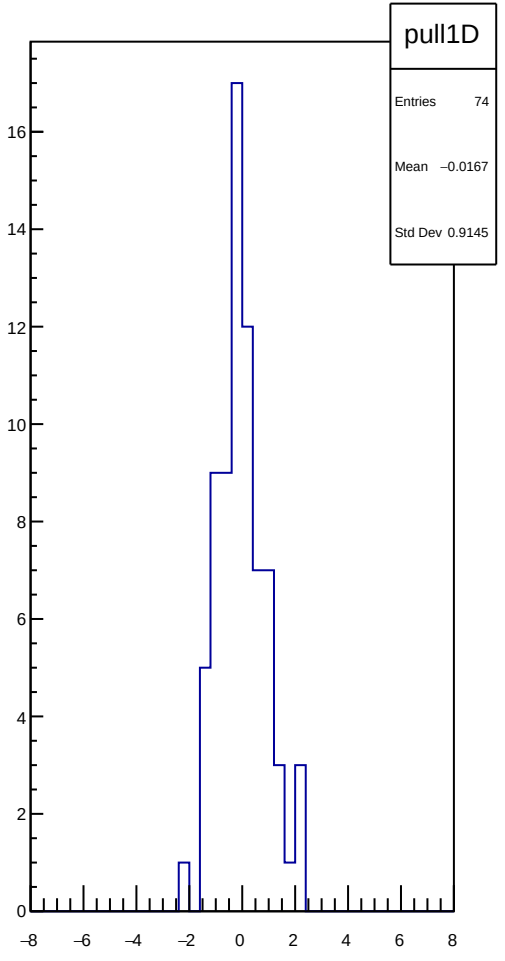

asym_sam_1526_avg_correction_rms vs run
χ² / ndf 3382 / 73
p0 941.9 ± 0.7866
1050
1000
950
900
850

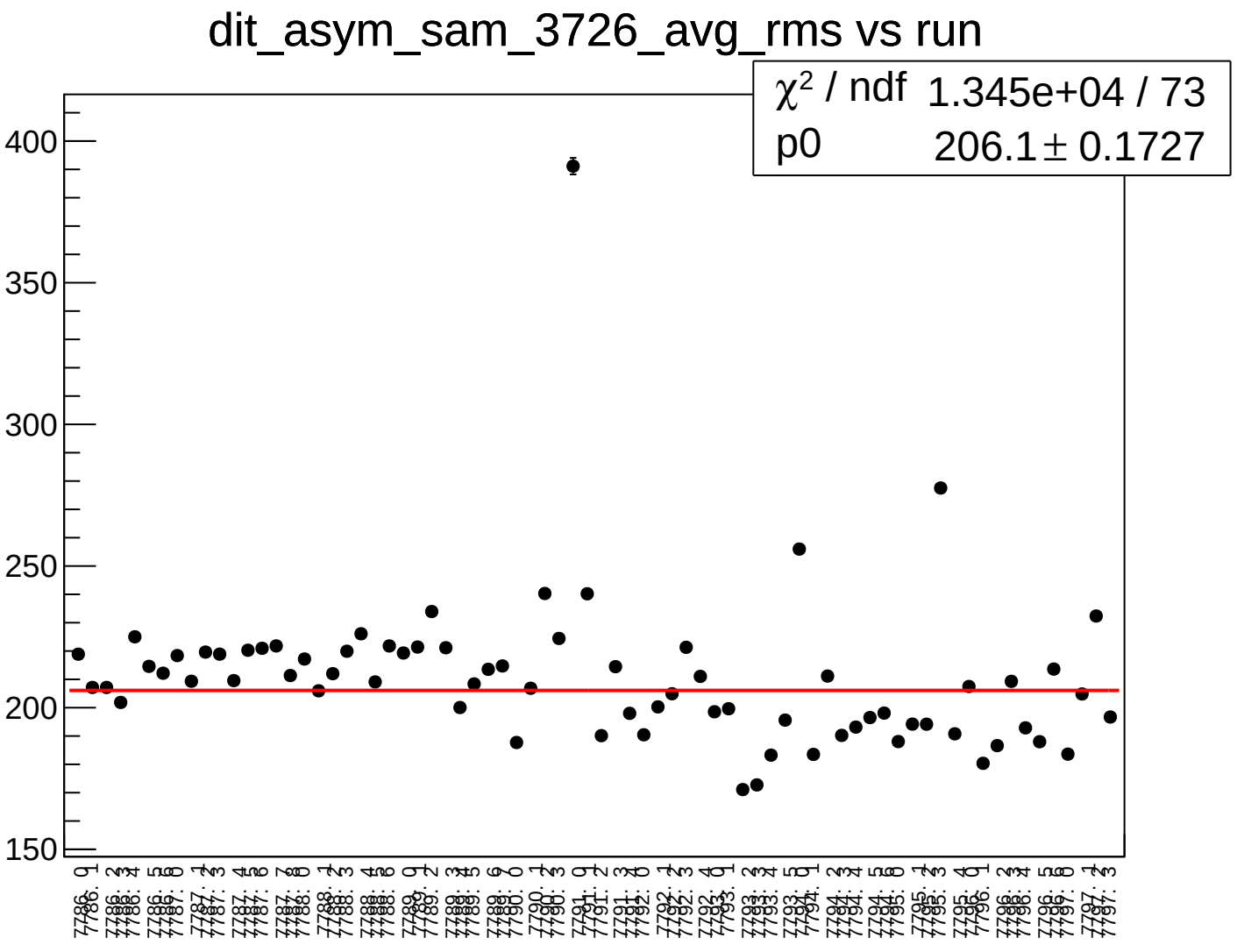

asym_sam_1526_avg_mean vs run
χ² / ndf 65.94 / 73
p0 1713 ± 1103
pull
Entries 74
Mean 3162
Std Dev 3204

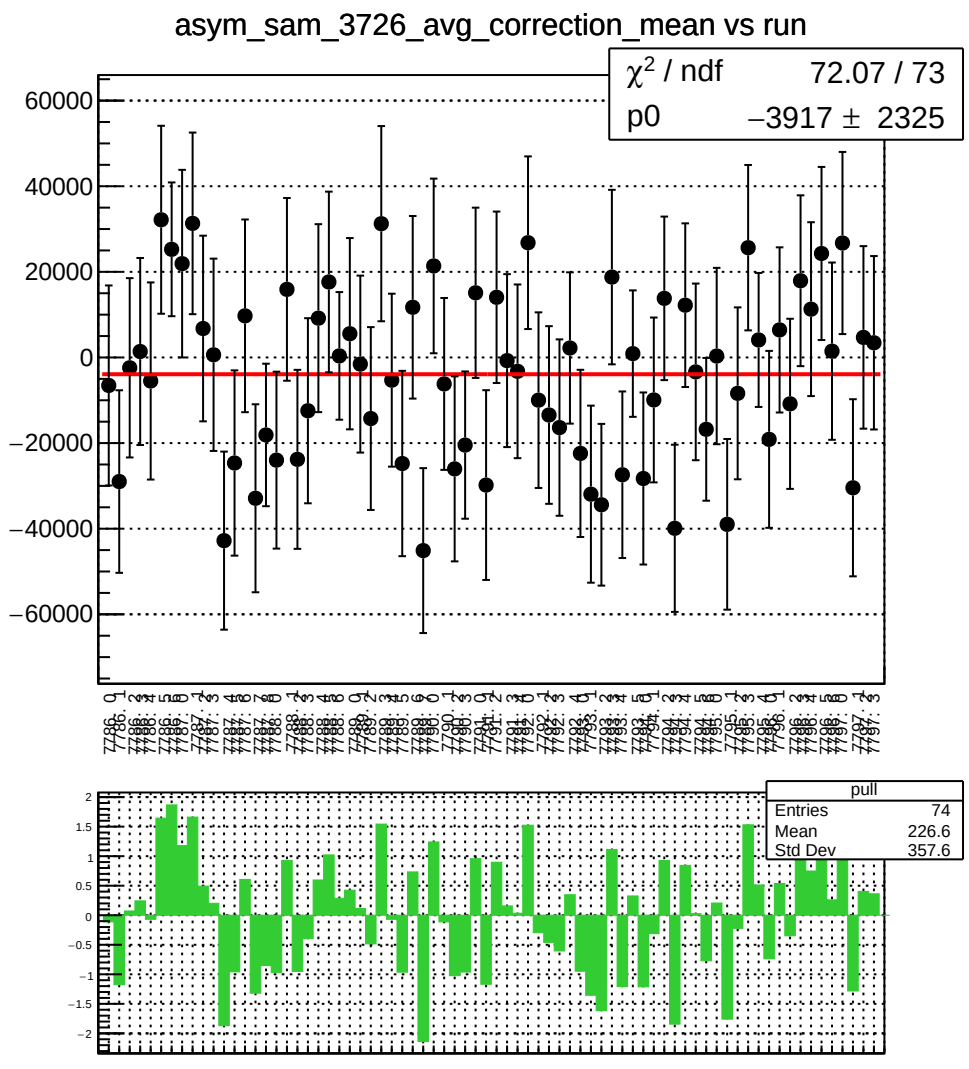

pull1D
Entries 74
Mean 0.0001388
Std Dev 0.944

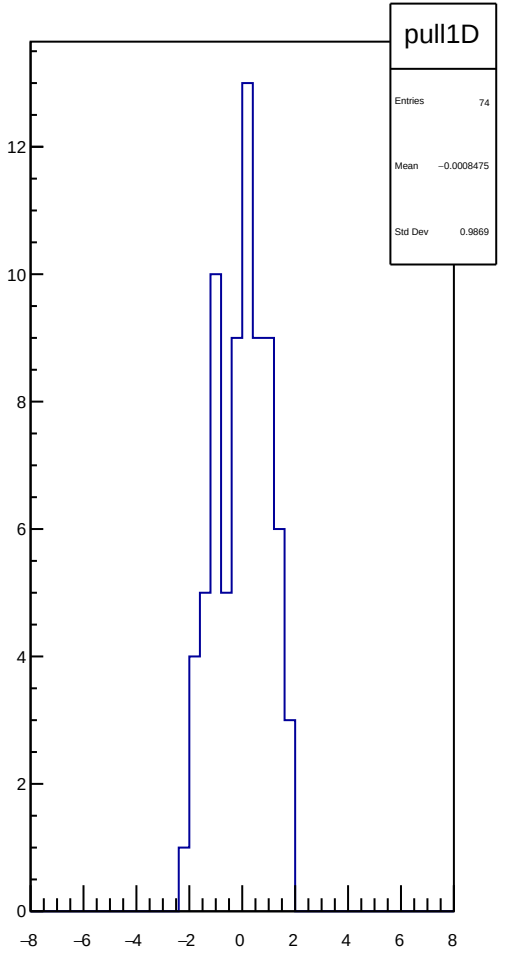

asym_sam_1526_avg_rms vs run
χ² / ndf 3375 / 73
p0 933.9 ± 0.78
1050
1000
950
900
850
800

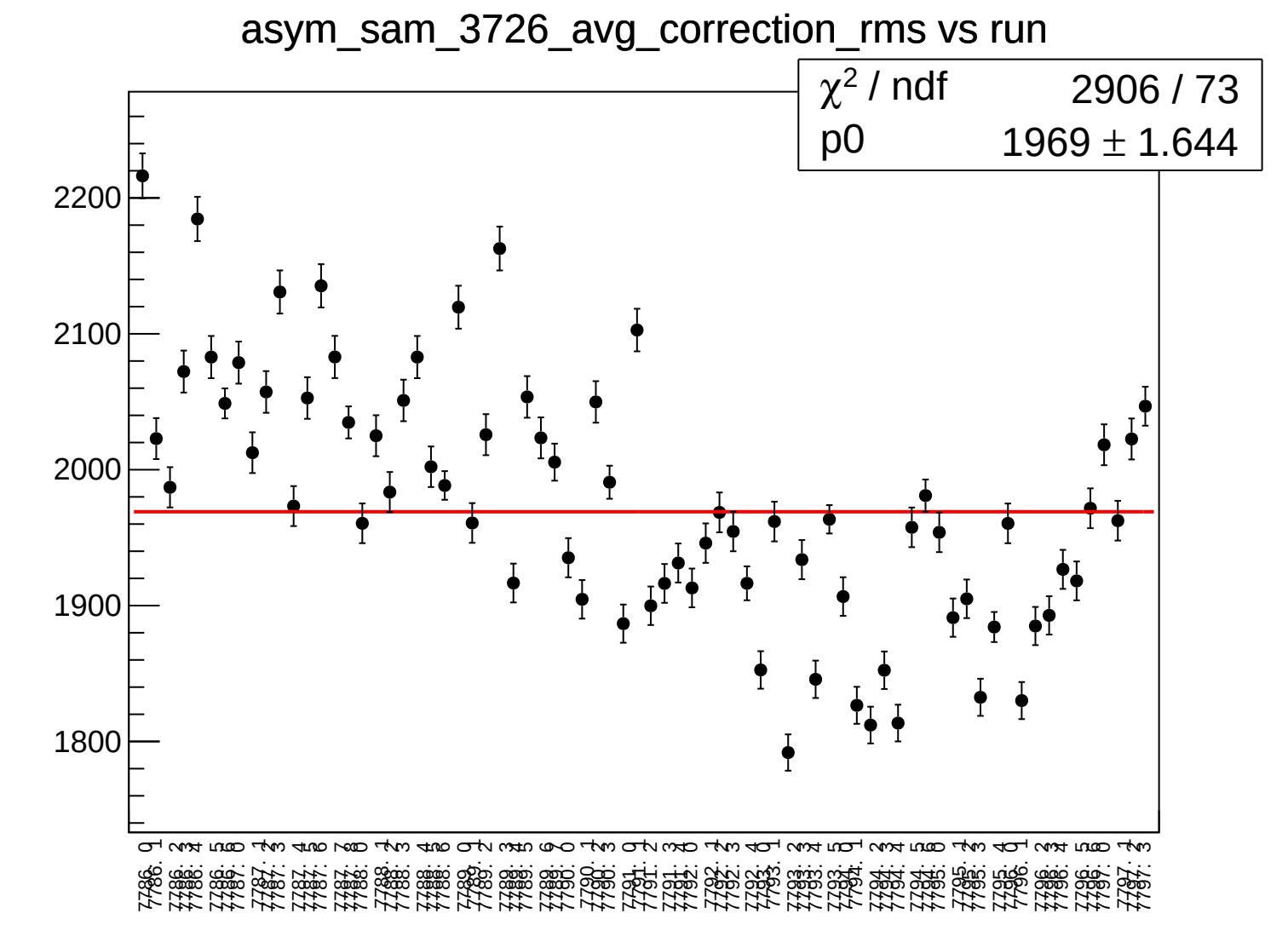

dit_asym_sam_3726_avg_mean vs run
χ² / ndf 61.91 / 73
p0 −100.7 ± 244.3
pull
Entries 74
Mean −121.2
Std Dev 167

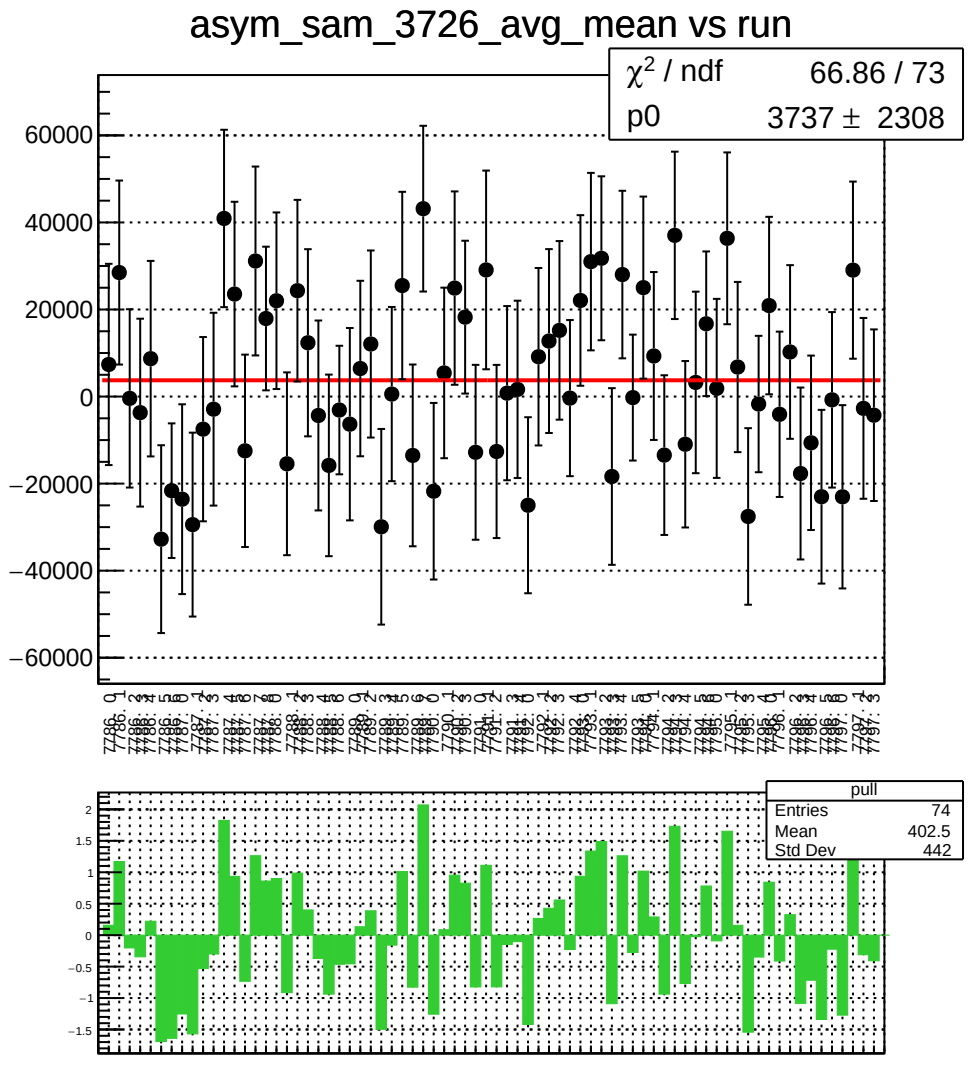

pull1D
Entries 74
Mean −0.0167
Std Dev 0.9145

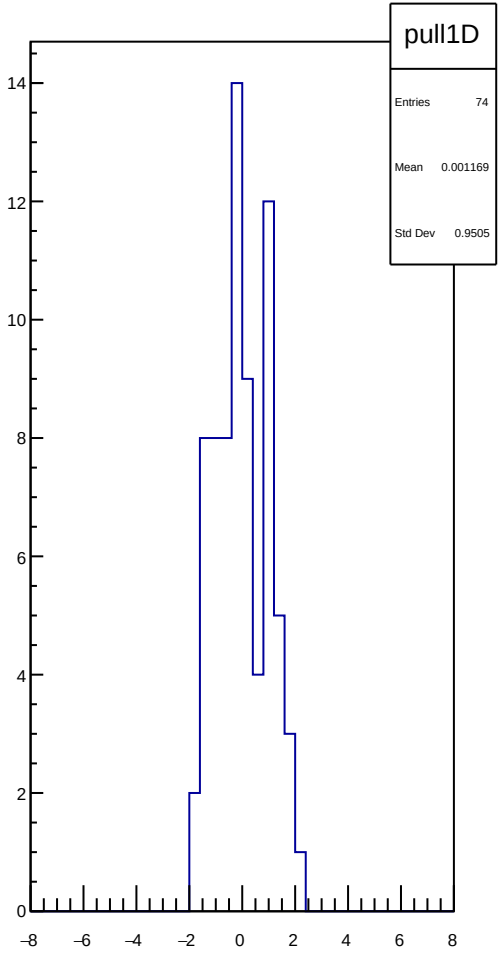

dit_asym_sam_3726_avg_rms vs run
χ² / ndf 1.345e+04 / 73
p0 206.1 ± 0.1727
400
350
300
250
200
150

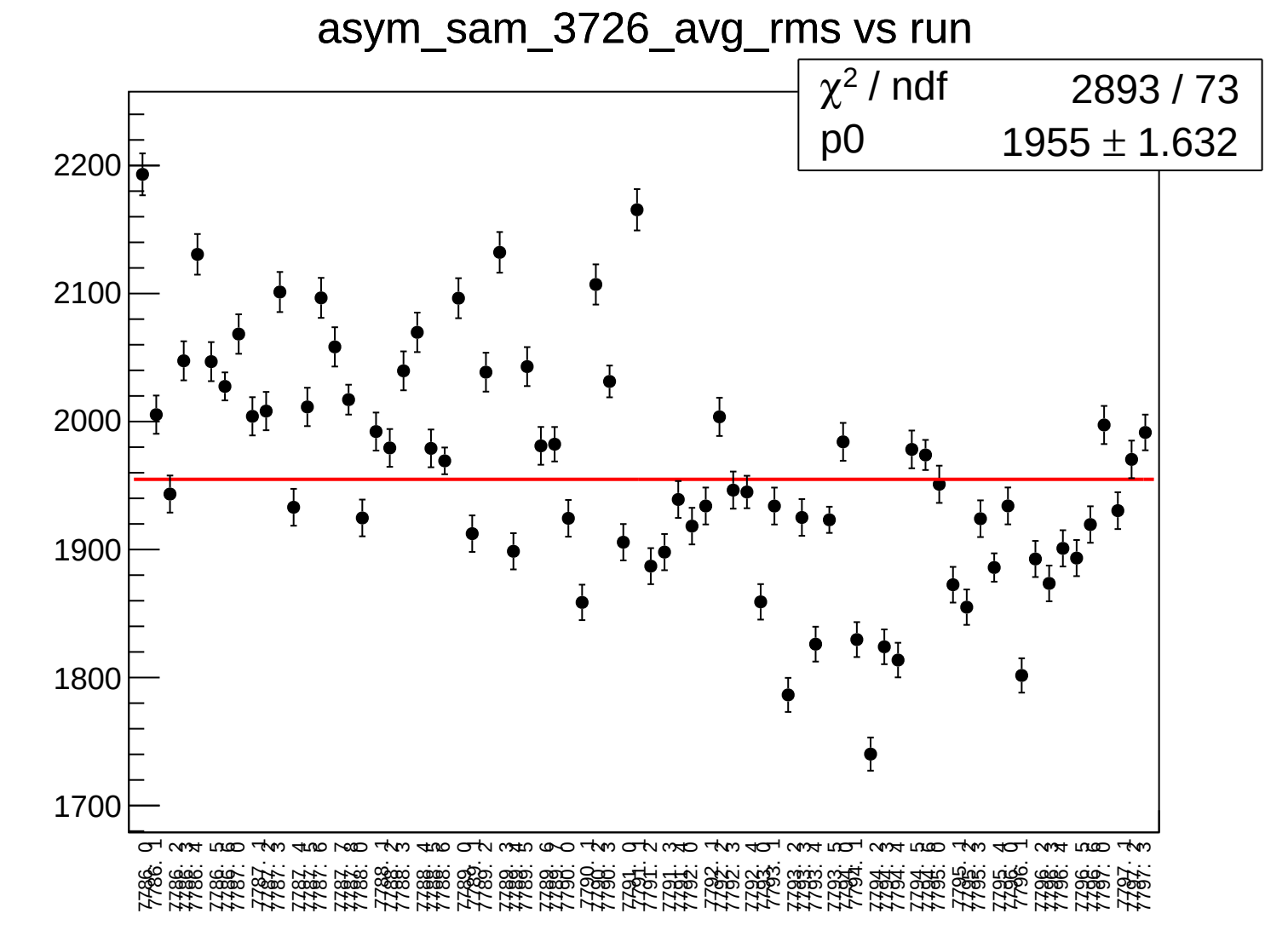

asym_sam_3726_avg_correction_mean vs run
χ² / ndf 72.07 / 73
p0 −3917 ± 2325
60000
40000
20000
0
−20000
−40000
−60000
pull
Entries 74
Mean 226.6
Std Dev 357.6
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

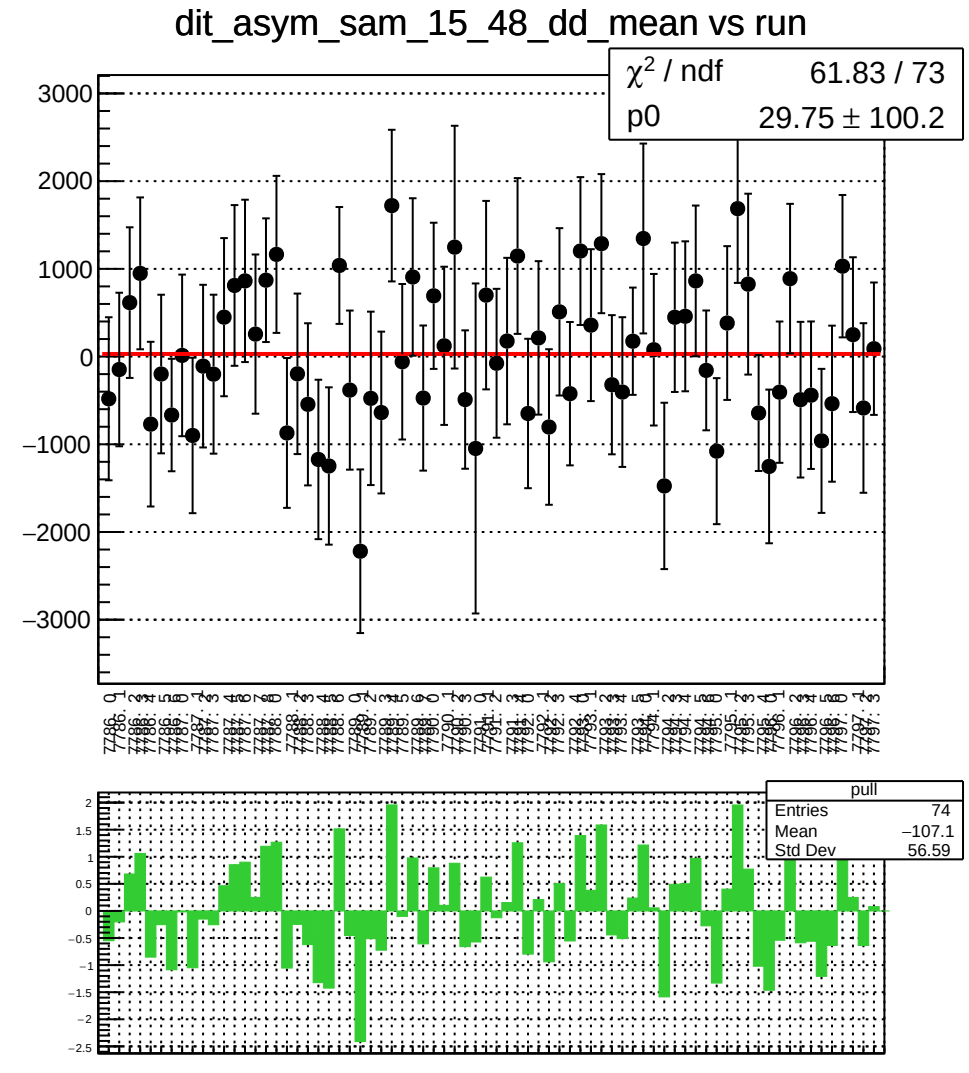

pull1D
Entries 74
Mean −0.0008475
Std Dev 0.9869
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

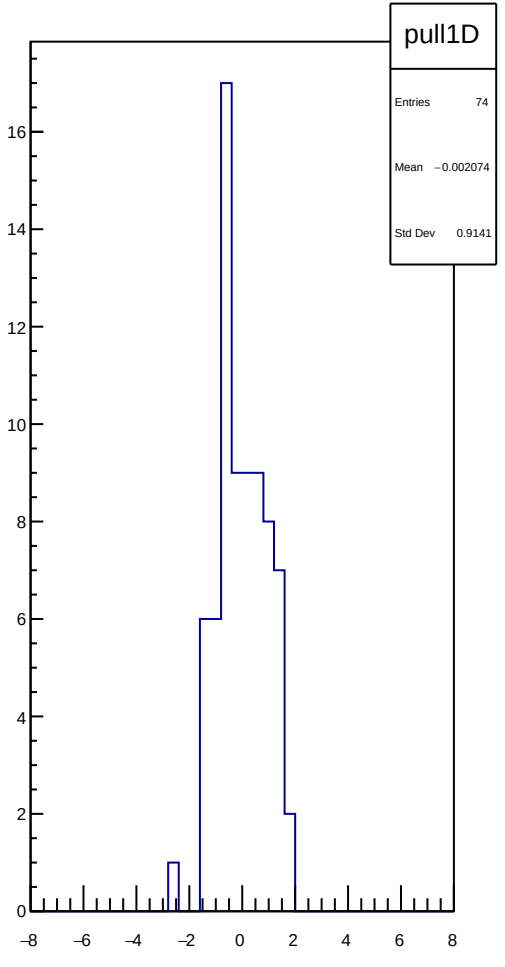

asym_sam_3726_avg_correction_rms vs run
χ² / ndf 2906 / 73
p0 1969 ± 1.644
2200
2100
2000
1900
1800

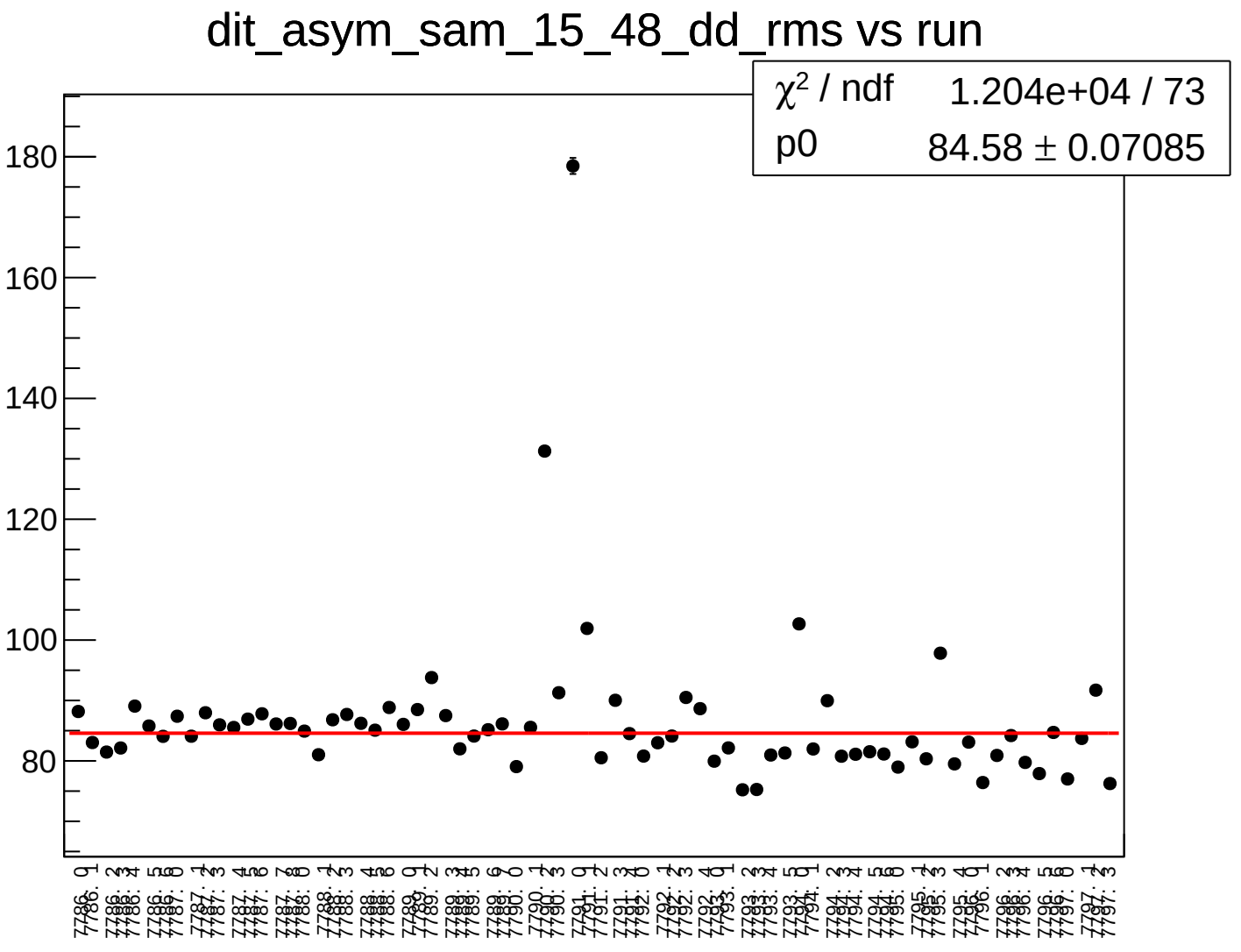

asym_sam_3726_avg_mean vs run
χ² / ndf 66.86 / 73
p0 3737 ± 2308
pull
Entries 74
Mean 402.5
Std Dev 442

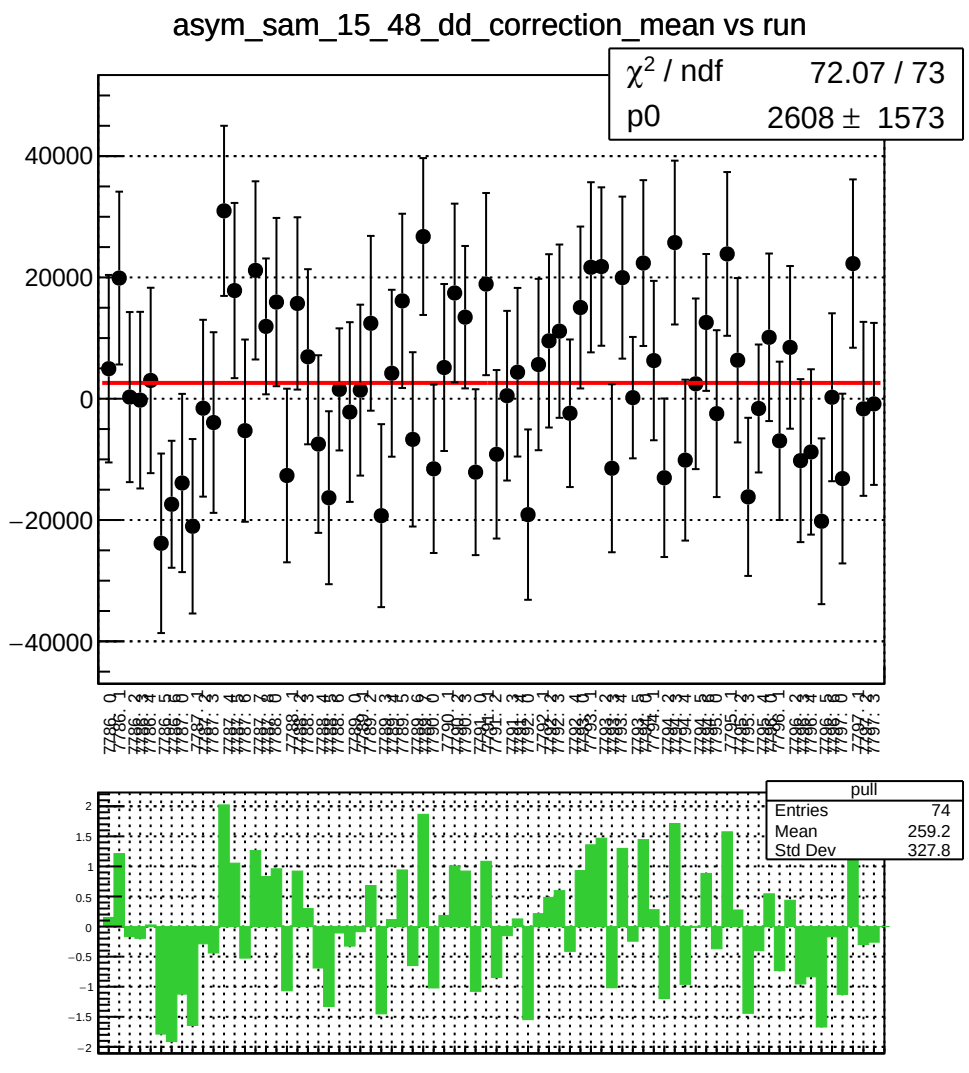

pull1D
Entries 74
Mean 0.001169
Std Dev 0.9505

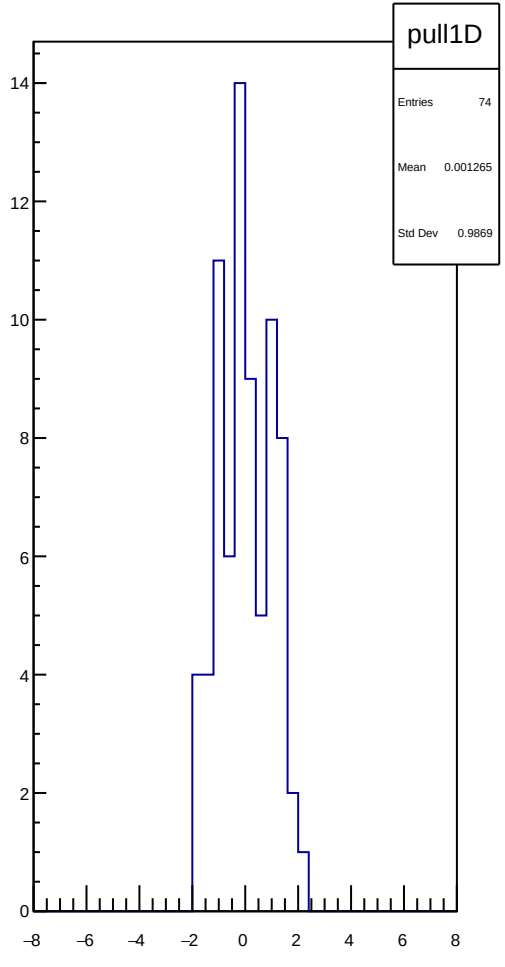

asym_sam_3726_avg_rms vs run
$\chi^2$ / ndf 2893 / 73
p0 1955 ± 1.632
2200
2100
2000
1900
1800
1700

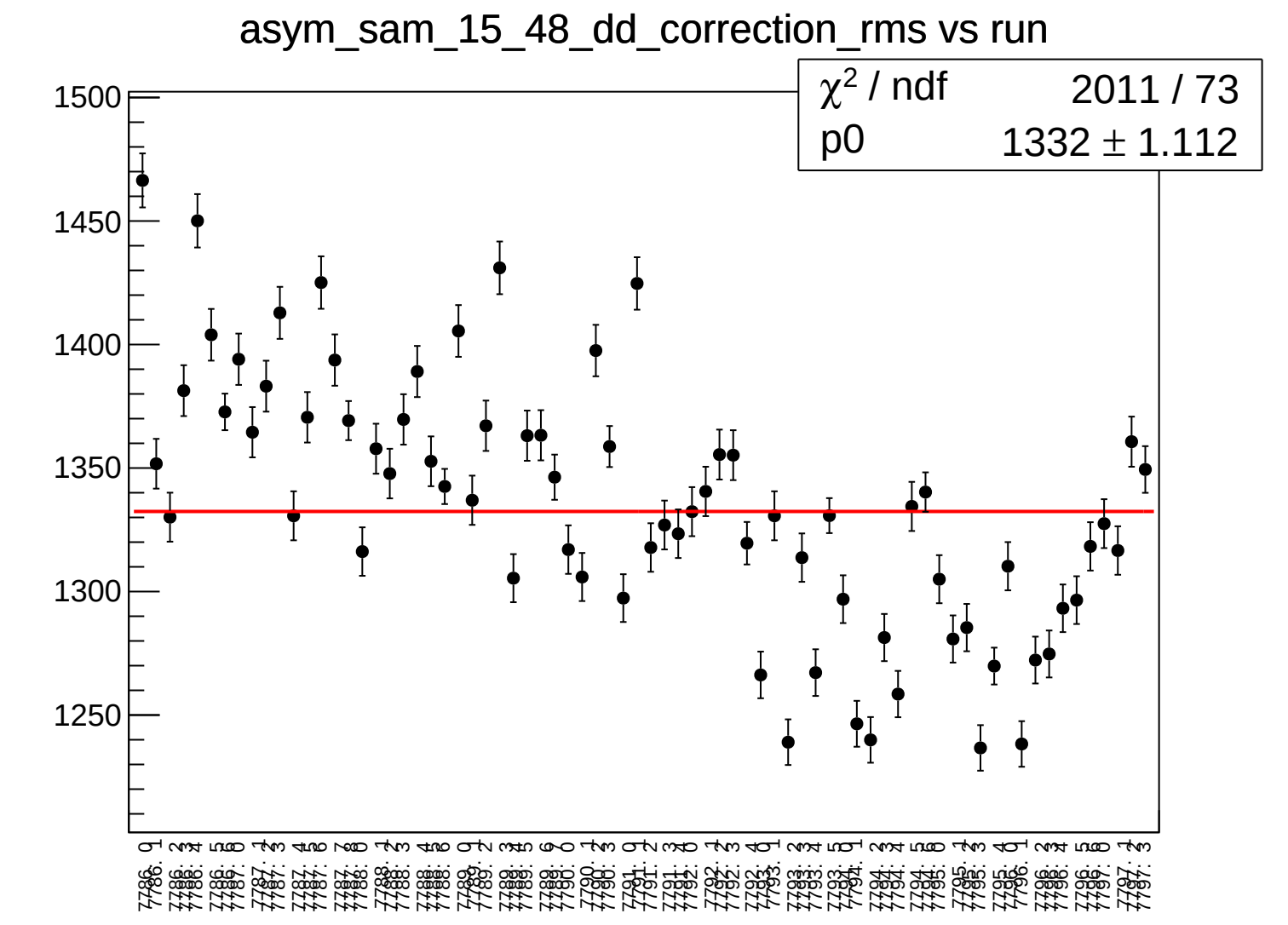

dit_asym_sam_15_48_dd_mean vs run
χ² / ndf 61.83 / 73
p0 29.75 ± 100.2
pull
Entries 74
Mean −107.1
Std Dev 56.59

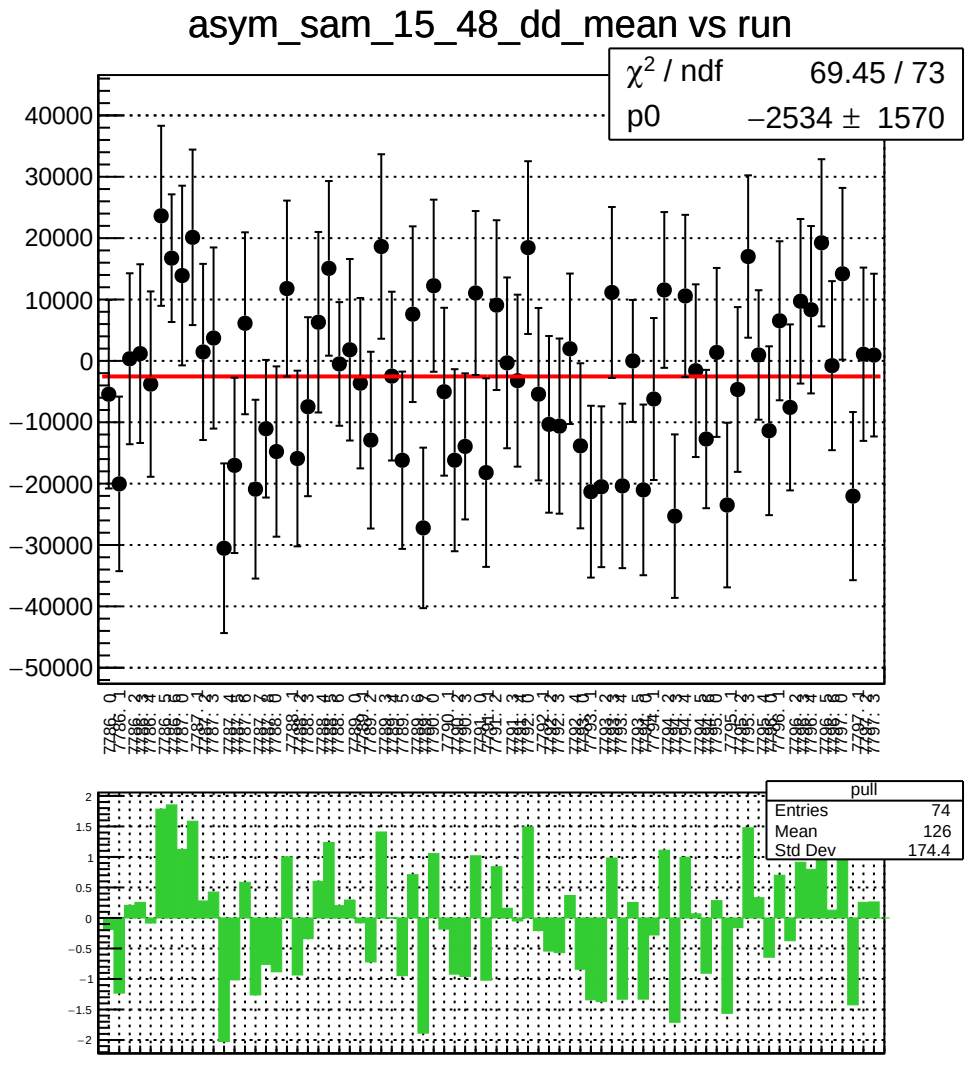

pull1D
Entries 74
Mean −0.002074
Std Dev 0.9141

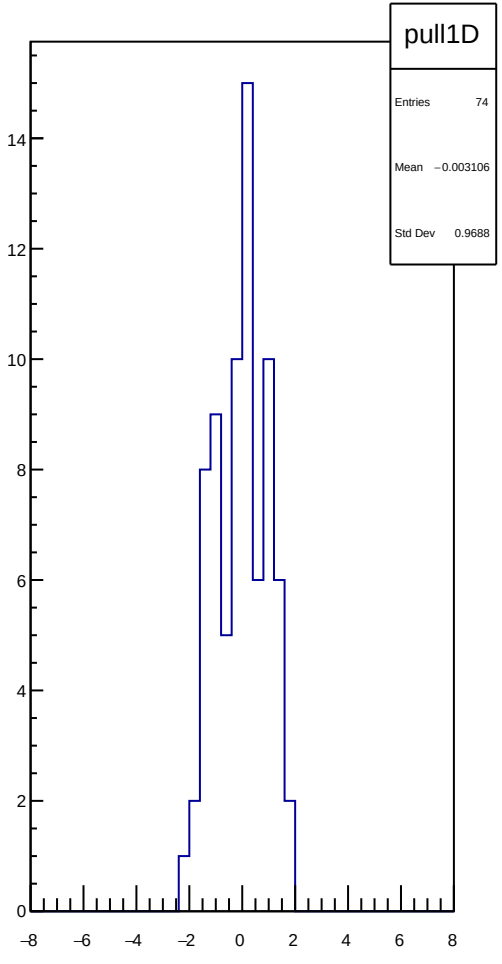

dit_asym_sam_15_48_dd_rms vs run
χ² / ndf 1.204e+04 / 73
p0 84.58 ± 0.07085
180
160
140
120
100
80

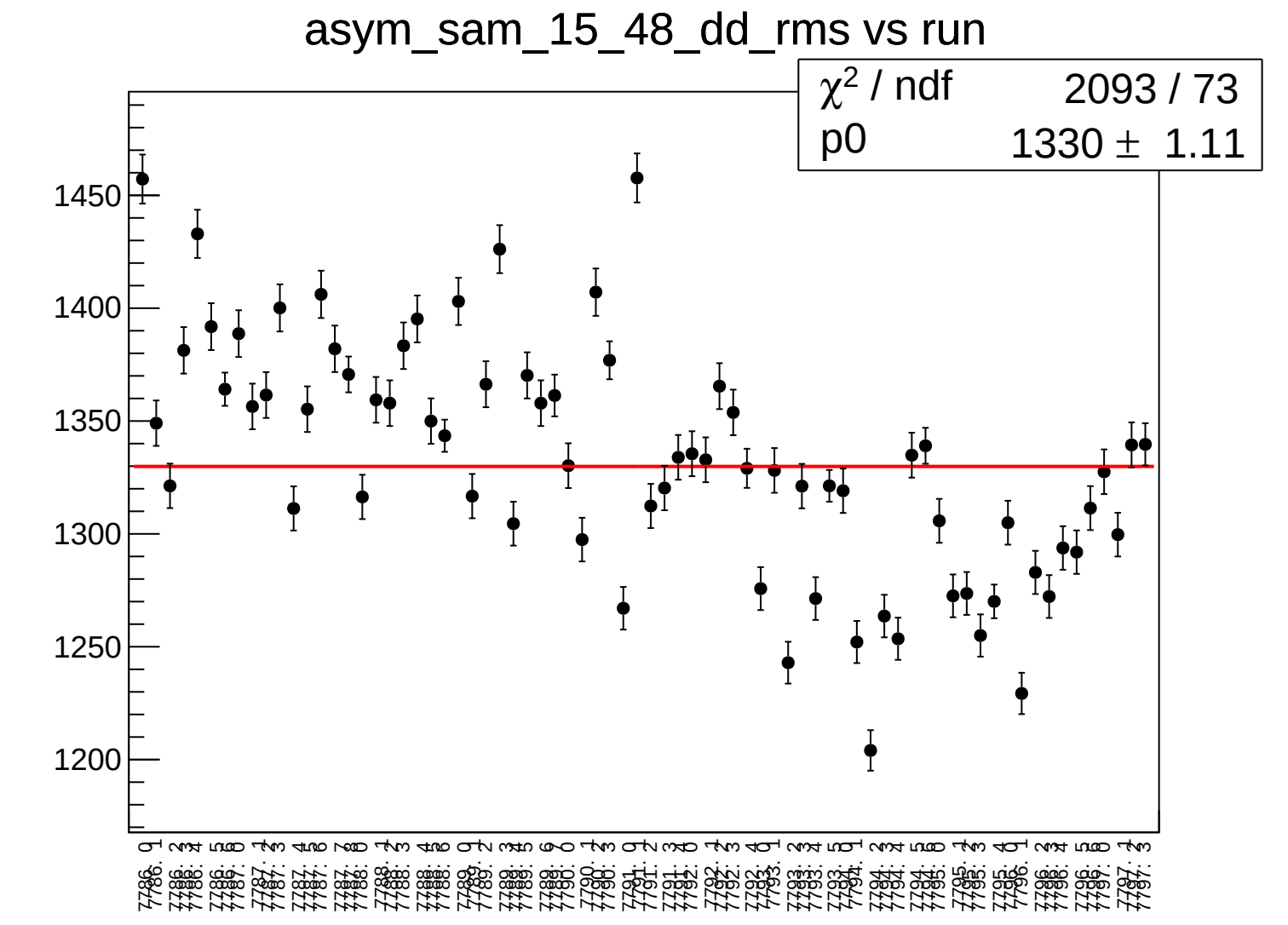

asym_sam_15_48_dd_correction_mean vs run
χ² / ndf 72.07 / 73
p0 2608 ± 1573
40000
20000
0
−20000
−40000
pull
Entries 74
Mean 259.2
Std Dev 327.8
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

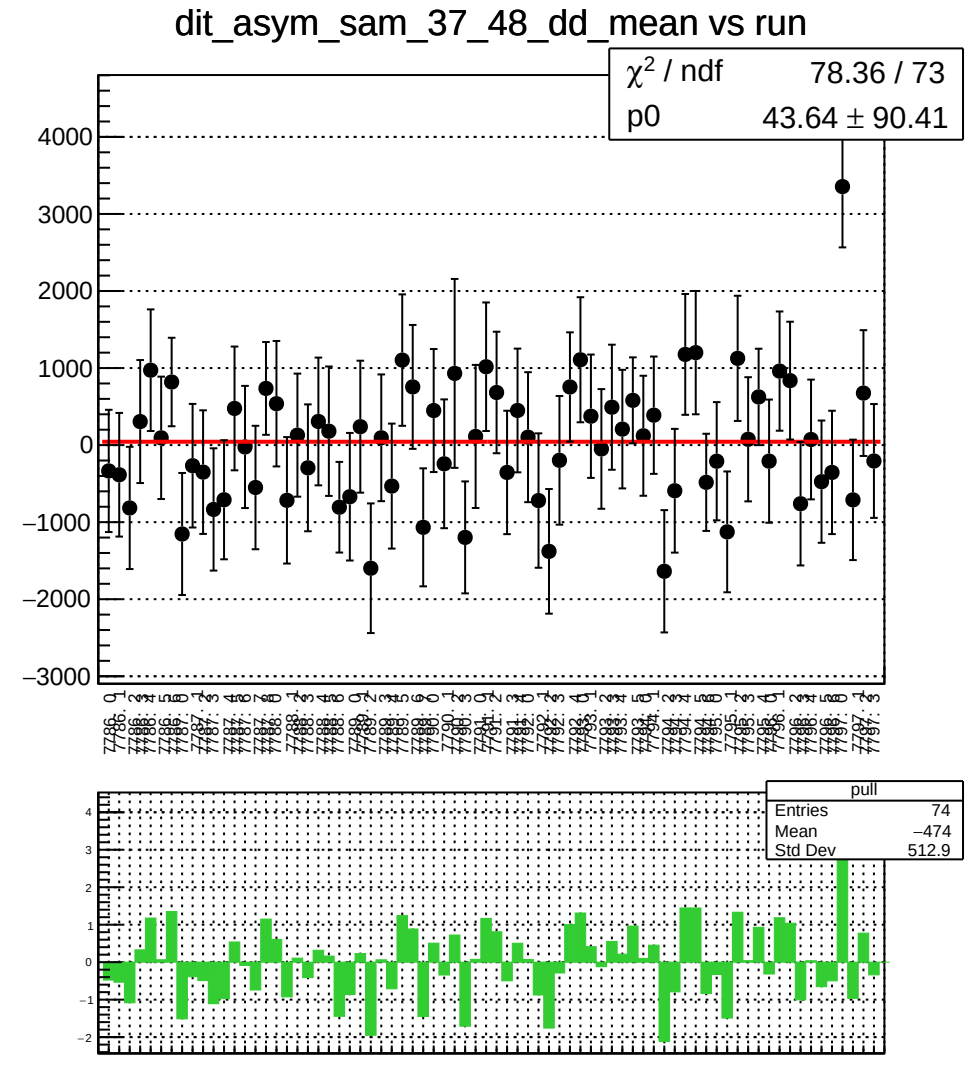

pull1D
Entries 74
Mean 0.001265
Std Dev 0.9869
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

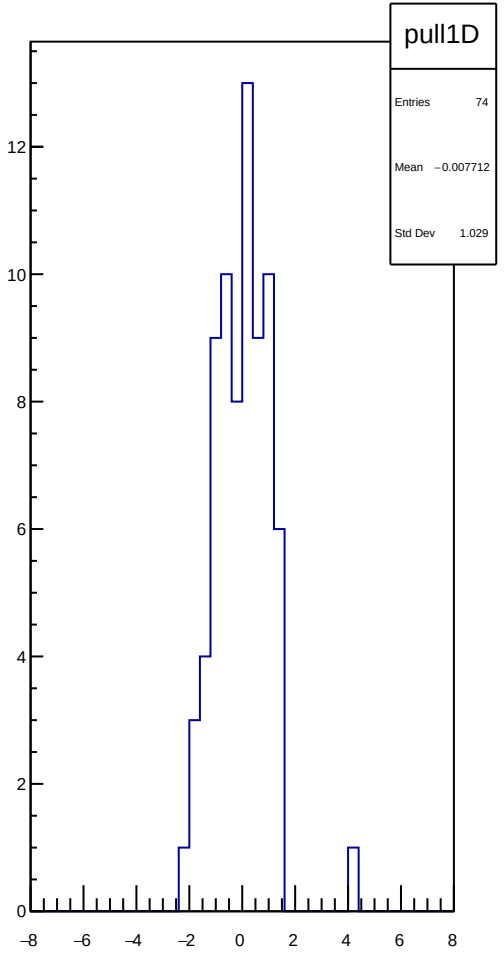

asym_sam_15_48_dd_correction_rms vs run
χ² / ndf 2011 / 73
p0 1332 ± 1.112
1500
1450
1400
1350
1300
1250

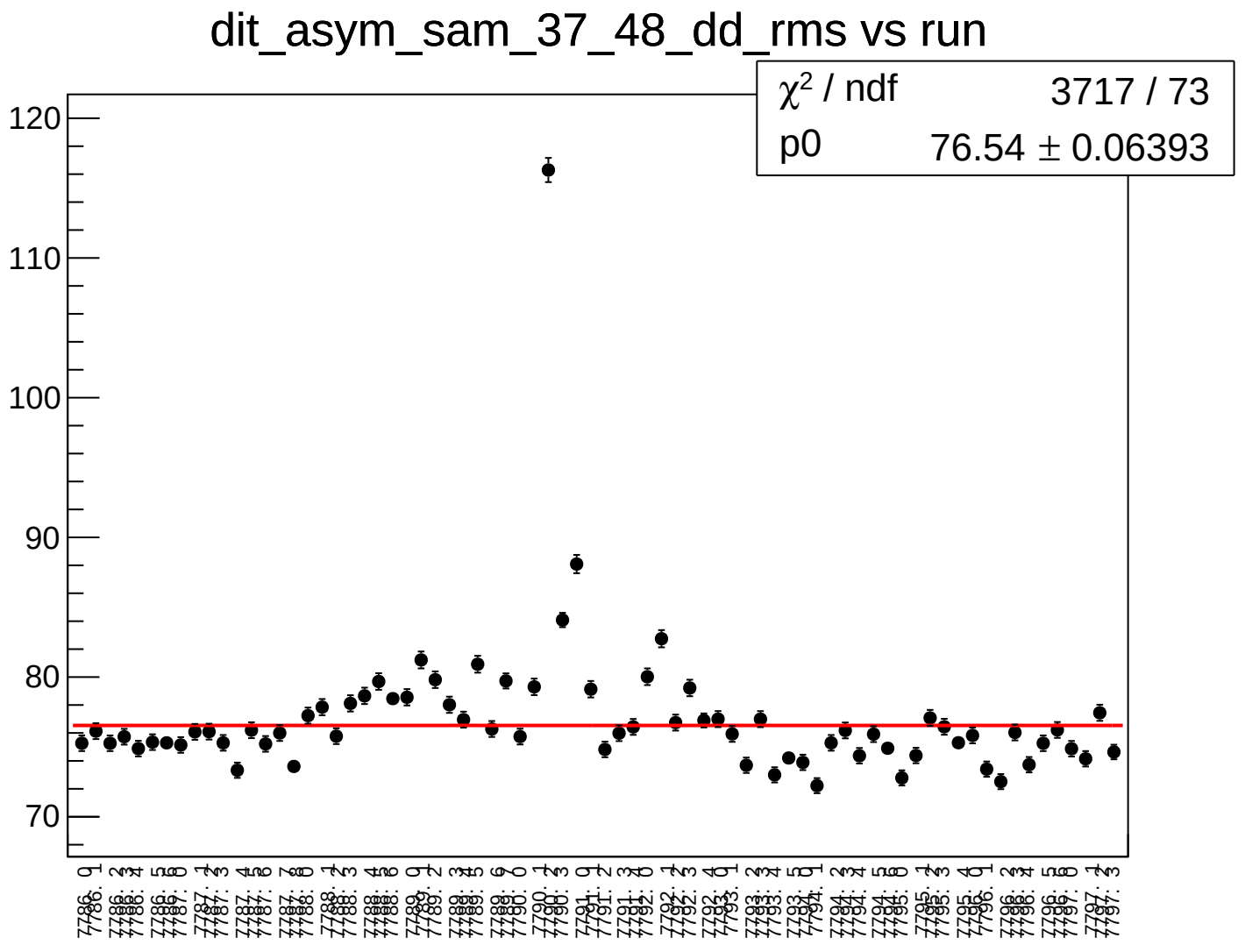

asym_sam_15_48_dd_mean vs run
χ² / ndf 69.45 / 73
p0 −2534 ± 1570
pull
Entries 74
Mean 126
Std Dev 174.4

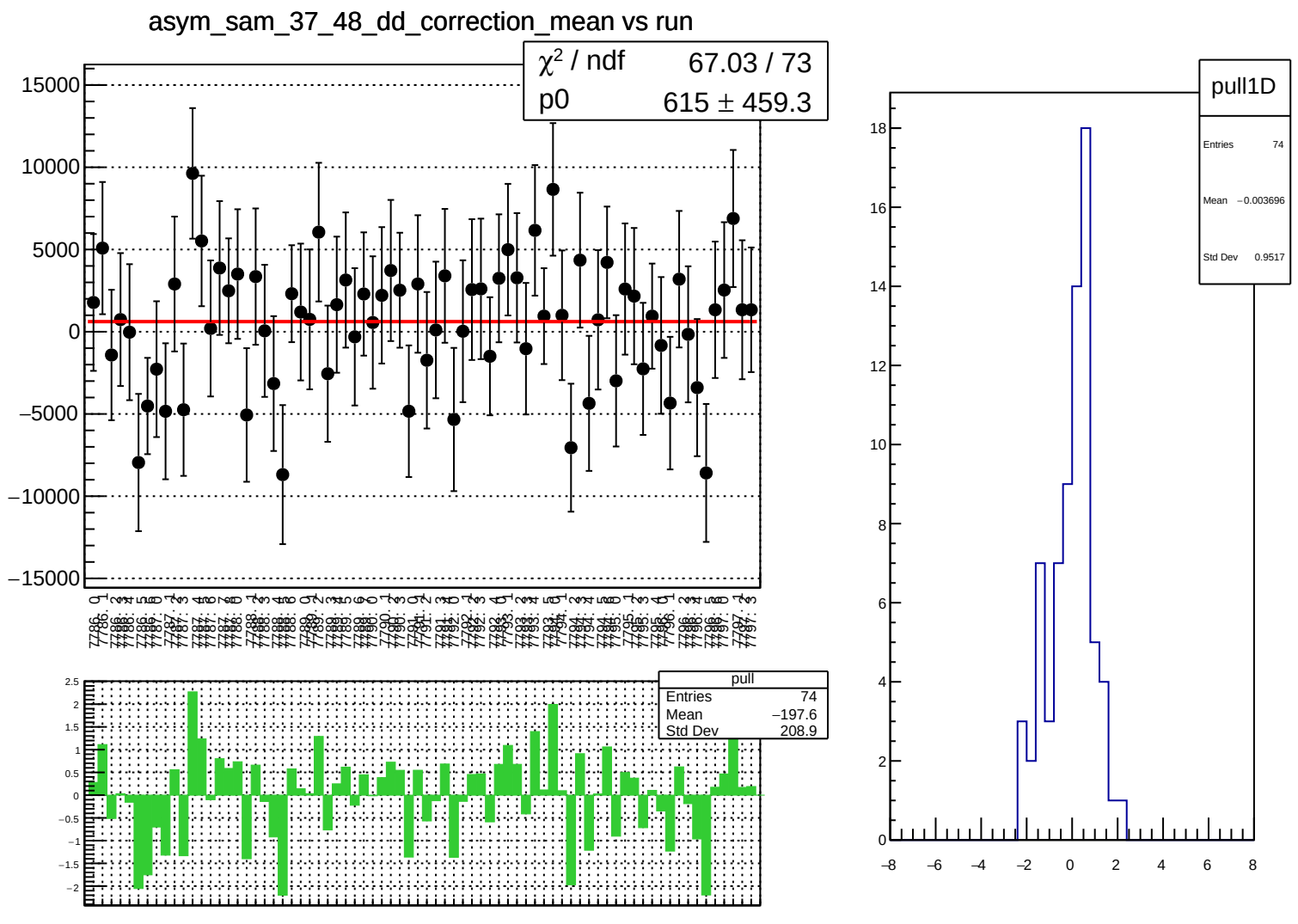

pull1D
Entries 74
Mean −0.003106
Std Dev 0.9688

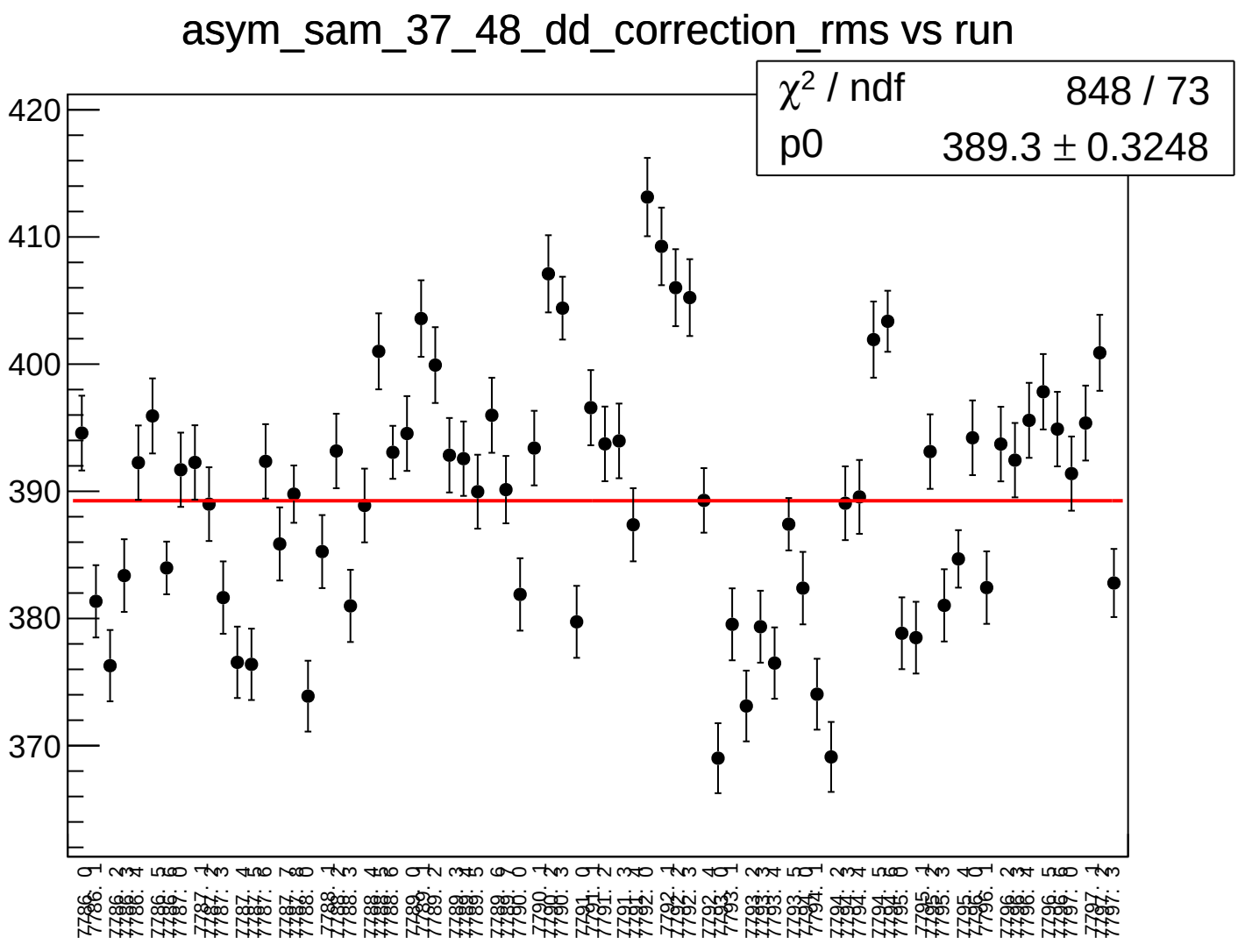

asym_sam_15_48_dd_rms vs run
χ² / ndf 2093 / 73
p0 1330 ± 1.11
1450
1400
1350
1300
1250
1200

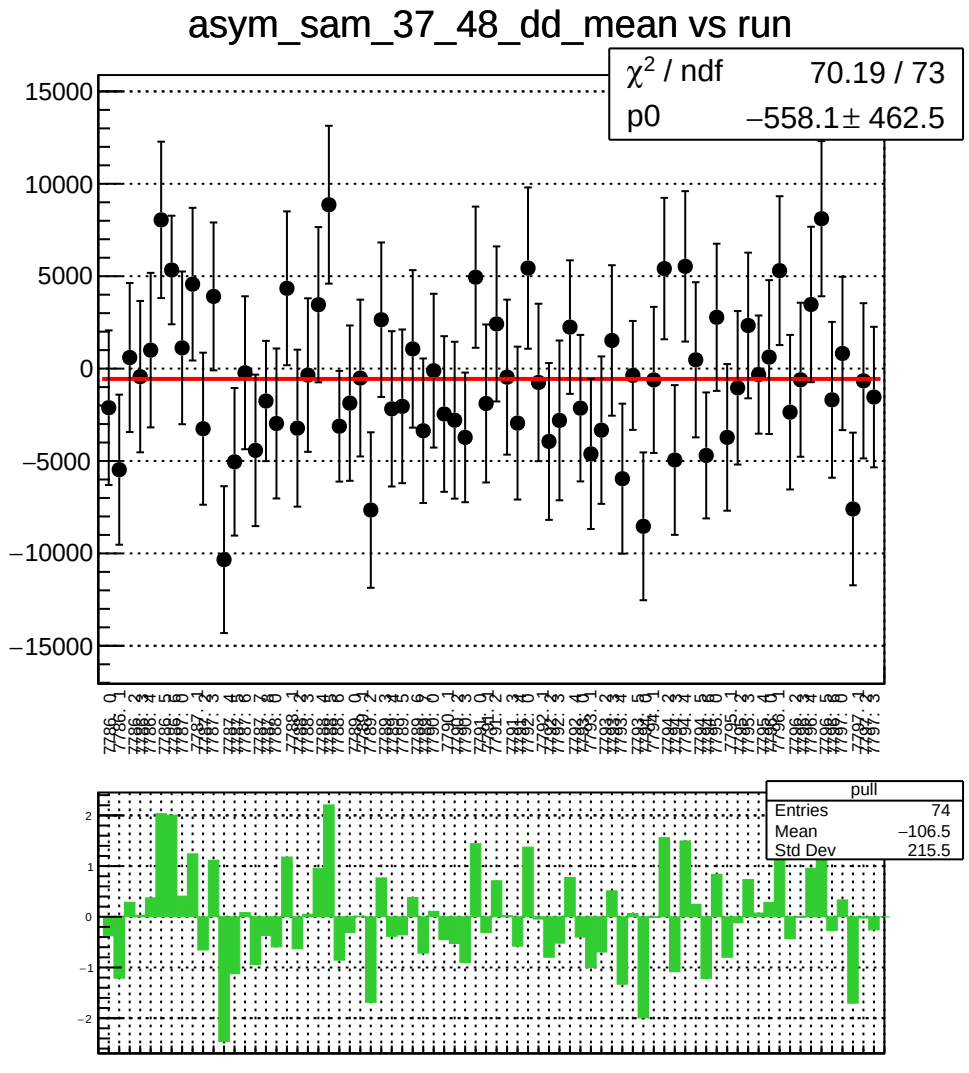

dit_asym_sam_37_48_dd_mean vs run
χ² / ndf 78.36 / 73
p0 43.64 ± 90.41
pull
Entries 74
Mean −474
Std Dev 512.9

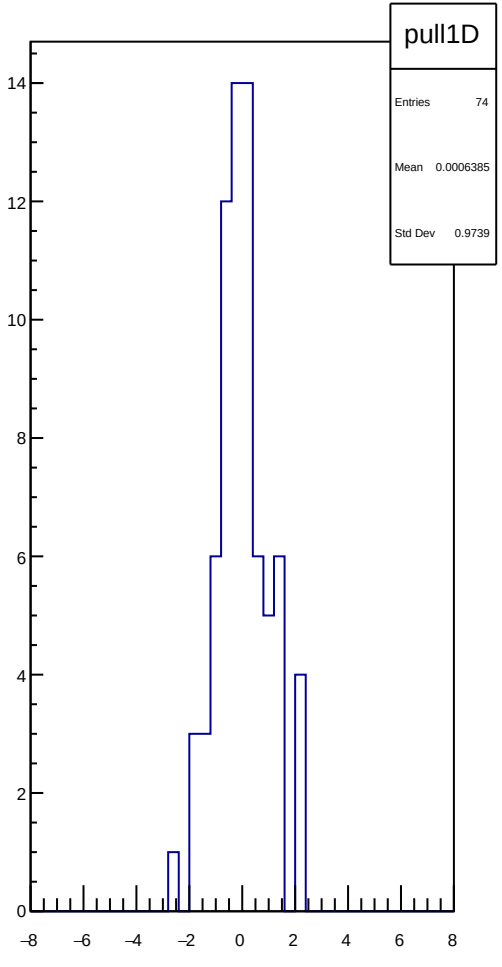

pull1D
Entries 74
Mean −0.007712
Std Dev 1.029

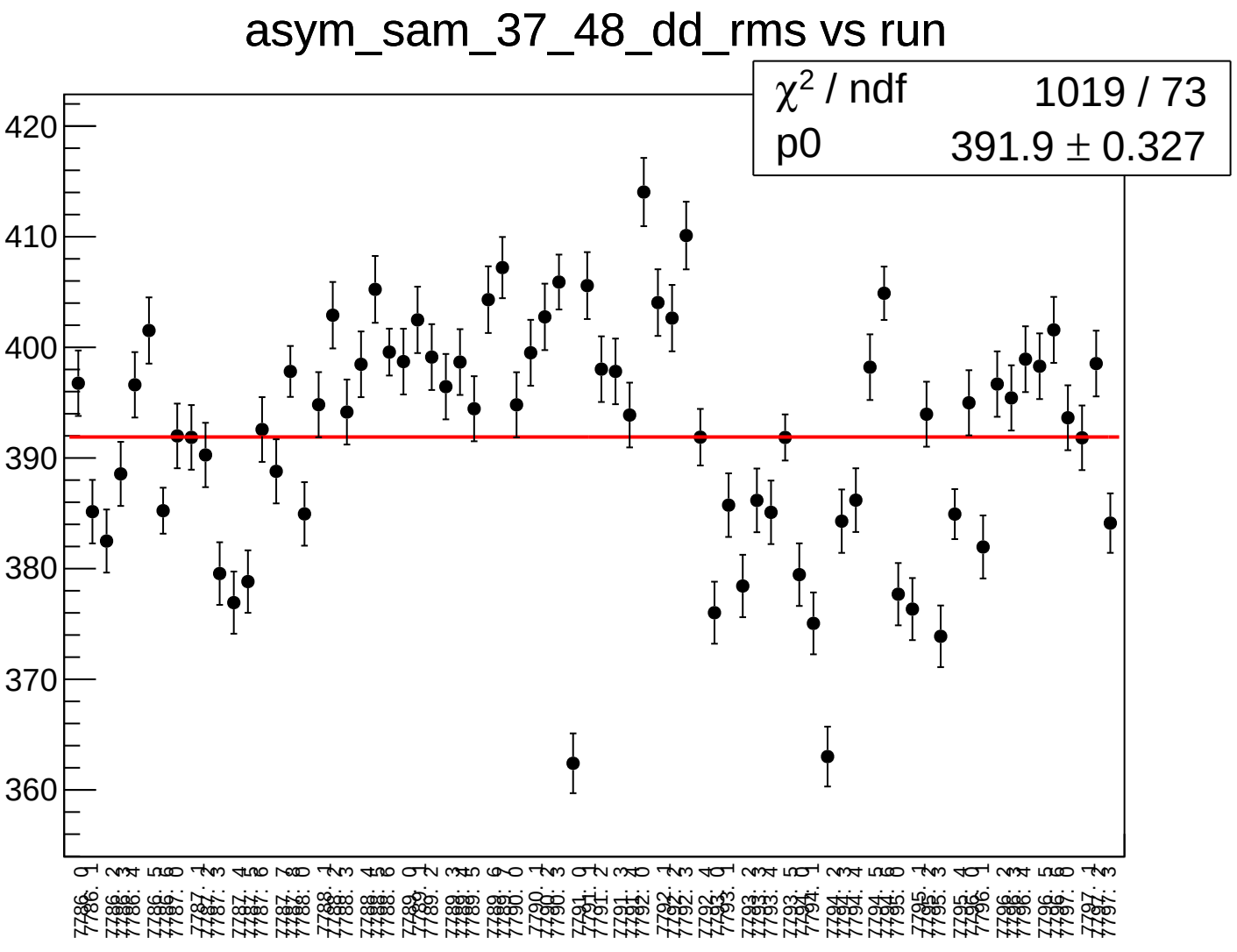

dit_asym_sam_37_48_dd_rms vs run
χ² / ndf 3717 / 73
p0 76.54 ± 0.06393
120
110
100
90
80
70

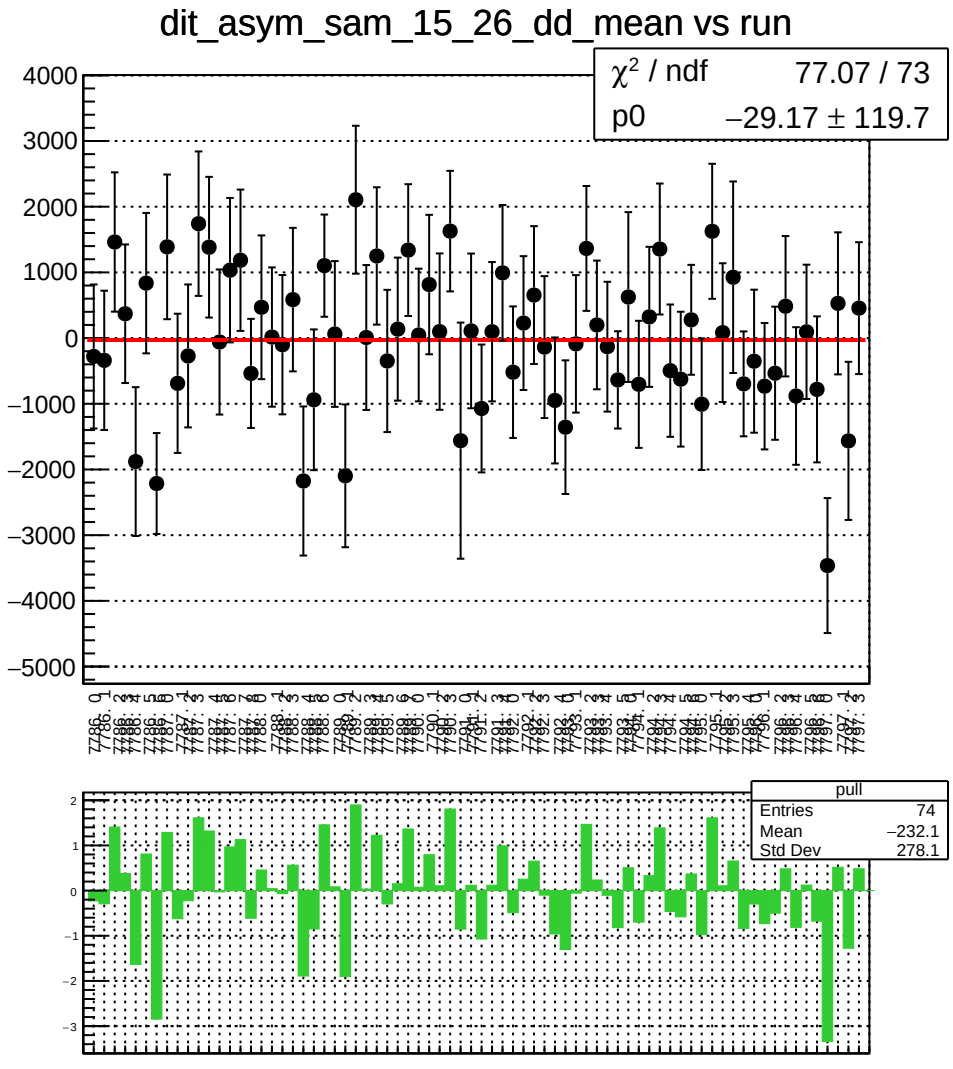

asym_sam_37_48_dd_correction_mean vs run
χ² / ndf 67.03 / 73
p0 615 ± 459.3
pull
Entries 74
Mean −197.6
Std Dev 208.9
pull1D
Entries 74
Mean −0.003696
Std Dev 0.9517

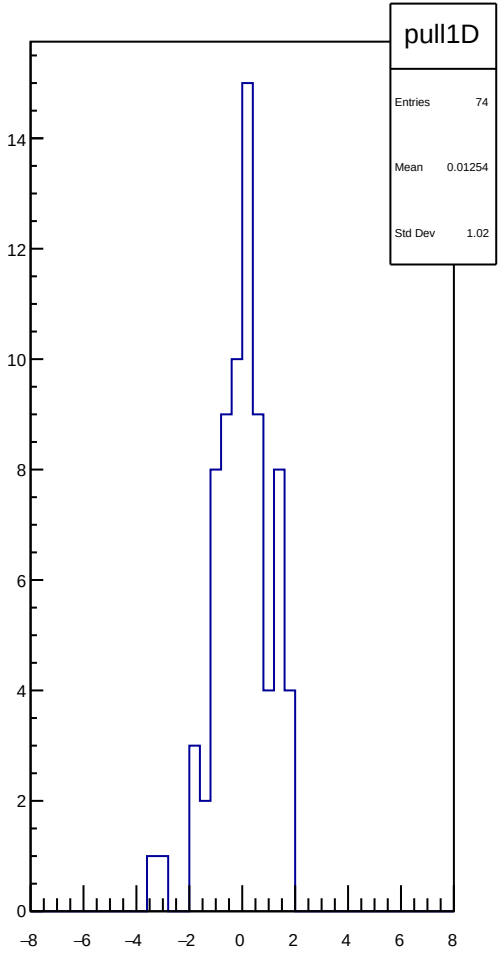

asym_sam_37_48_dd_correction_rms vs run
χ² / ndf 848 / 73
p0 389.3 ± 0.3248
420
410
400
390
380
370

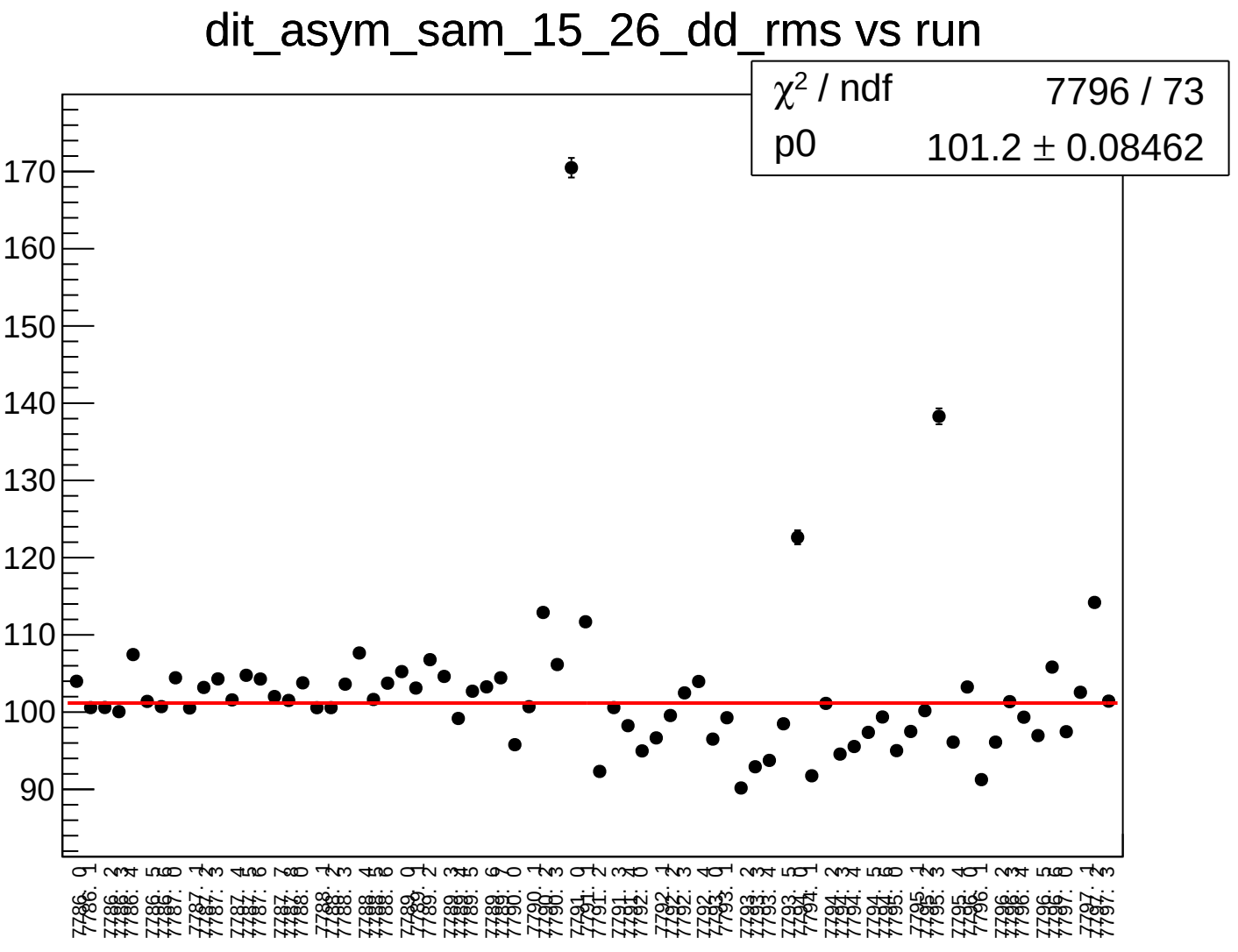

asym_sam_37_48_dd_mean vs run
χ² / ndf 70.19 / 73
p0 −558.1± 462.5
pull
Entries 74
Mean −106.5
Std Dev 215.5

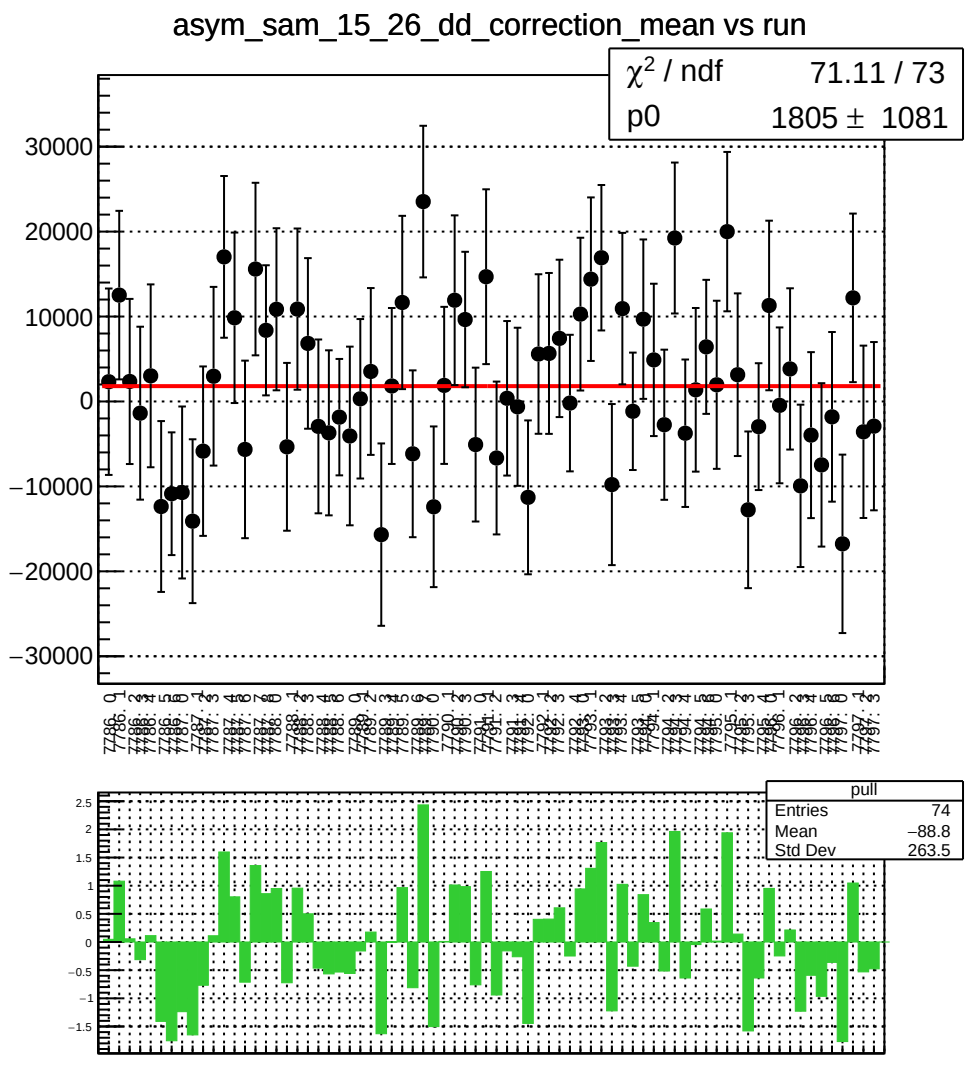

pull1D
Entries 74
Mean 0.0006385
Std Dev 0.9739

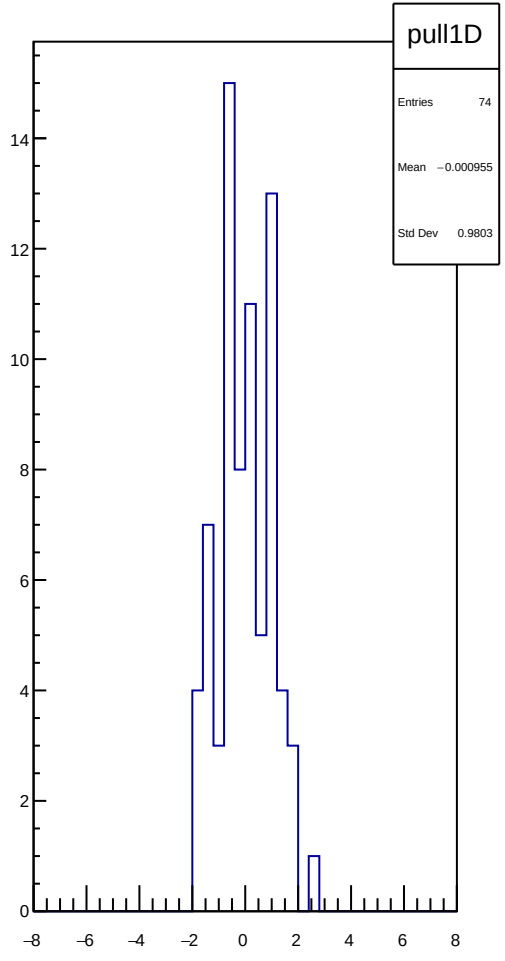

asym_sam_37_48_dd_rms vs run
χ² / ndf 1019 / 73
p0 391.9 ± 0.327
420
410
400
390
380
370
360

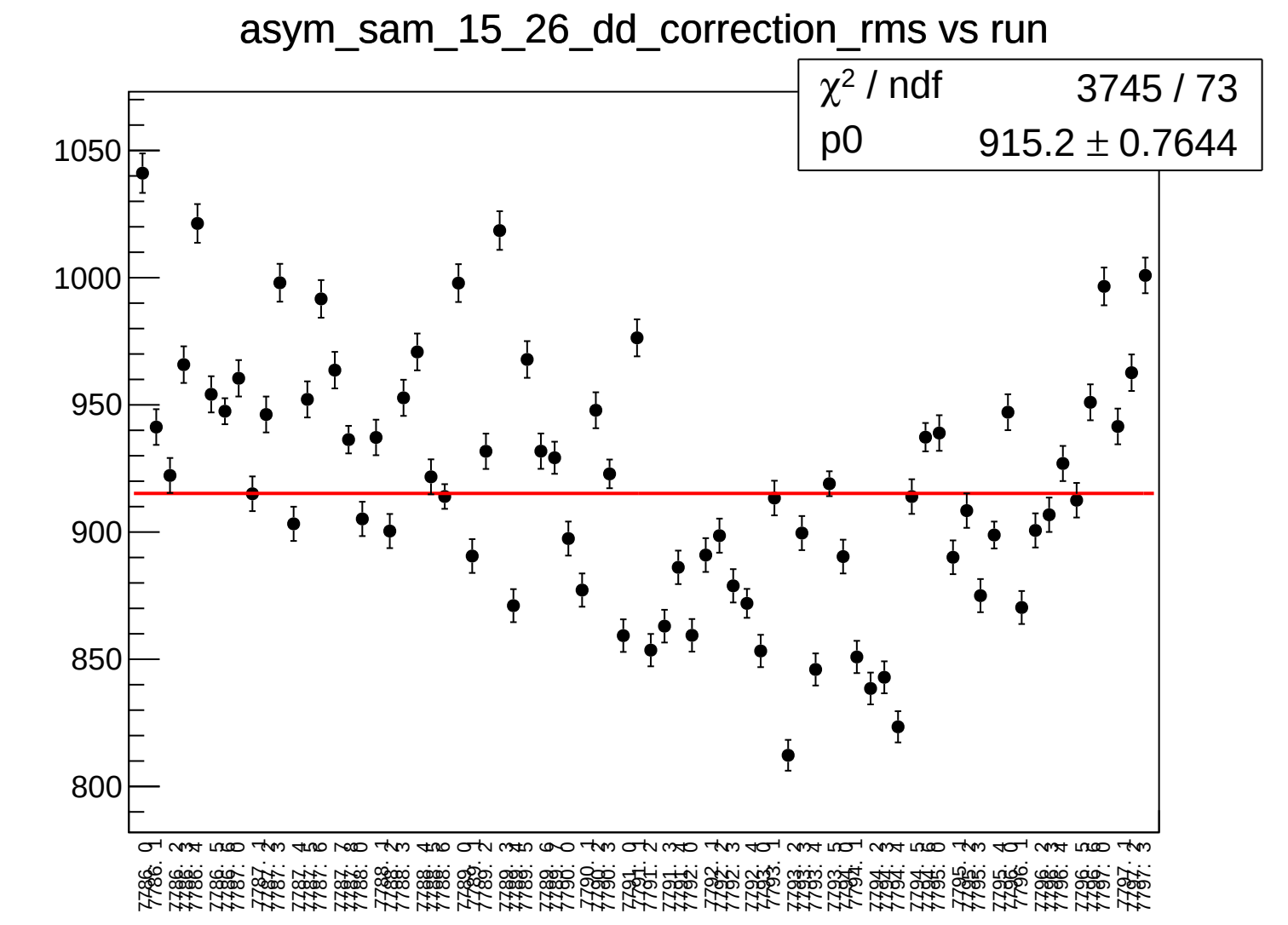

dit_asym_sam_15_26_dd_mean vs run
χ² / ndf 77.07 / 73
p0 −29.17 ± 119.7
pull
Entries 74
Mean −232.1
Std Dev 278.1

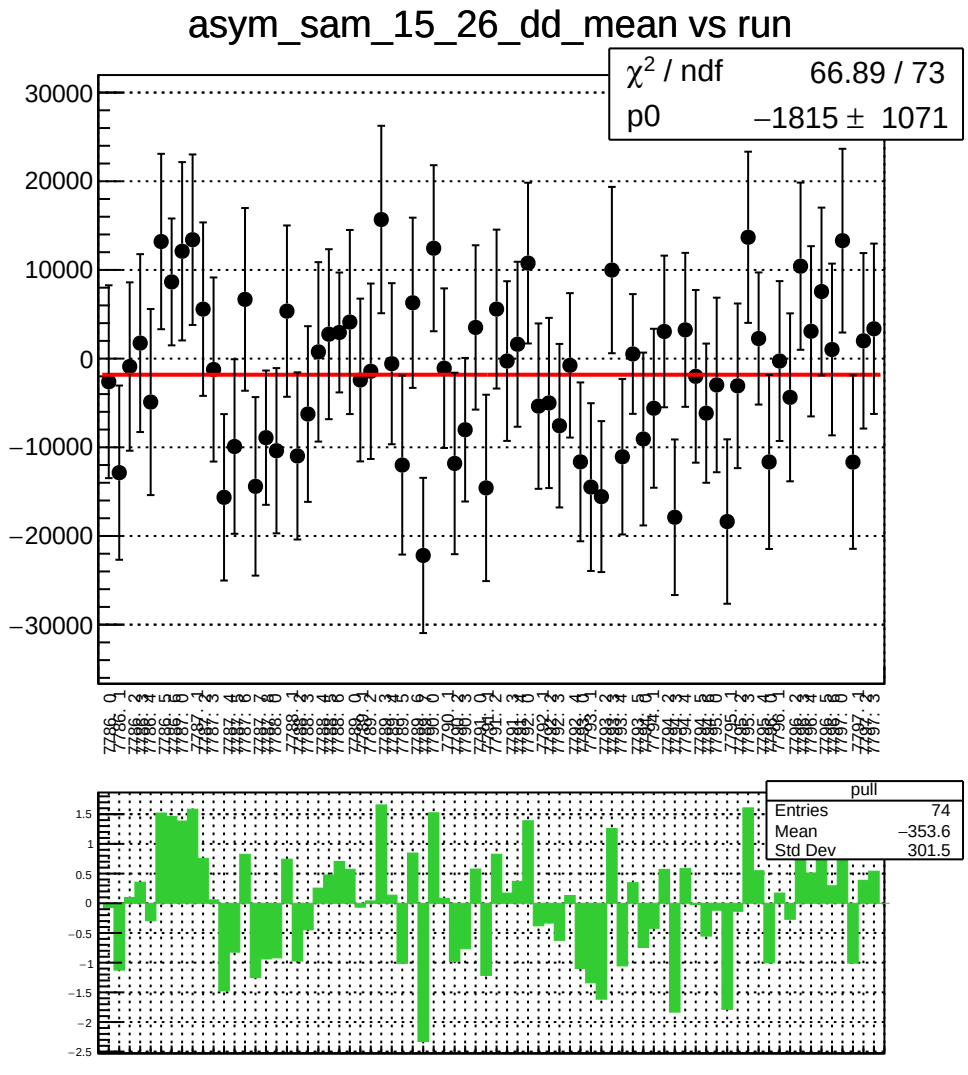

pull1D
Entries 74
Mean 0.01254
Std Dev 1.02

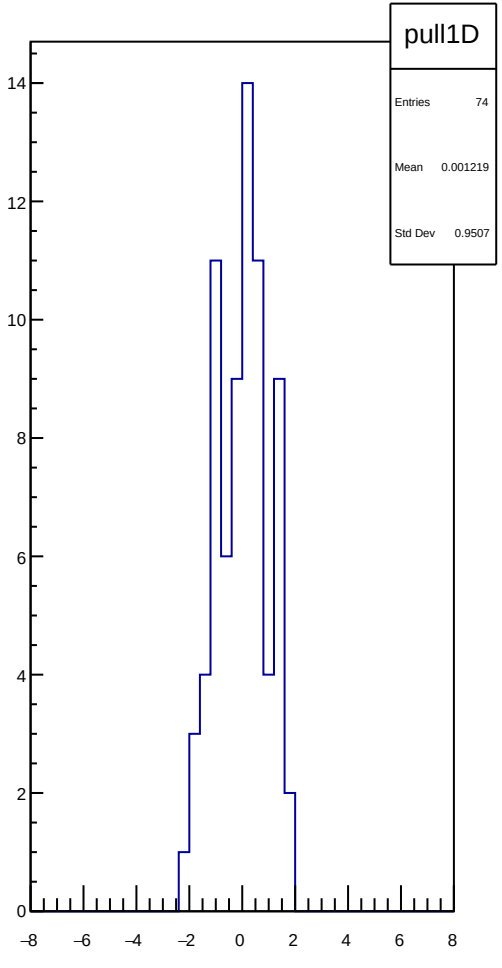

dit_asym_sam_15_26_dd_rms vs run
χ² / ndf 7796 / 73
p0 101.2 ± 0.08462
170
160
150
140
130
120
110
100
90

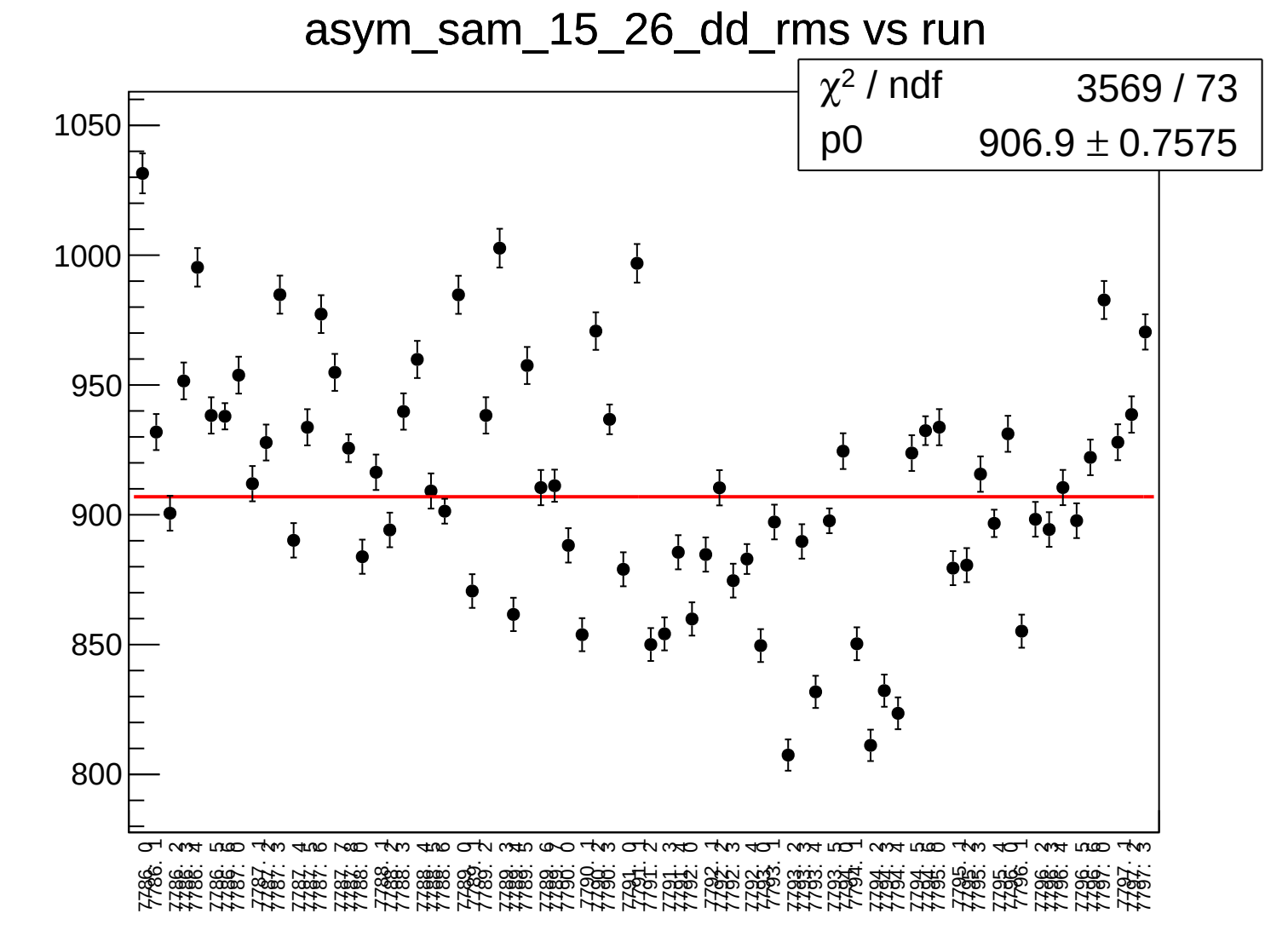

asym_sam_15_26_dd_correction_mean vs run
χ² / ndf 71.11 / 73
p0 1805 ± 1081
pull
Entries 74
Mean −88.8
Std Dev 263.5

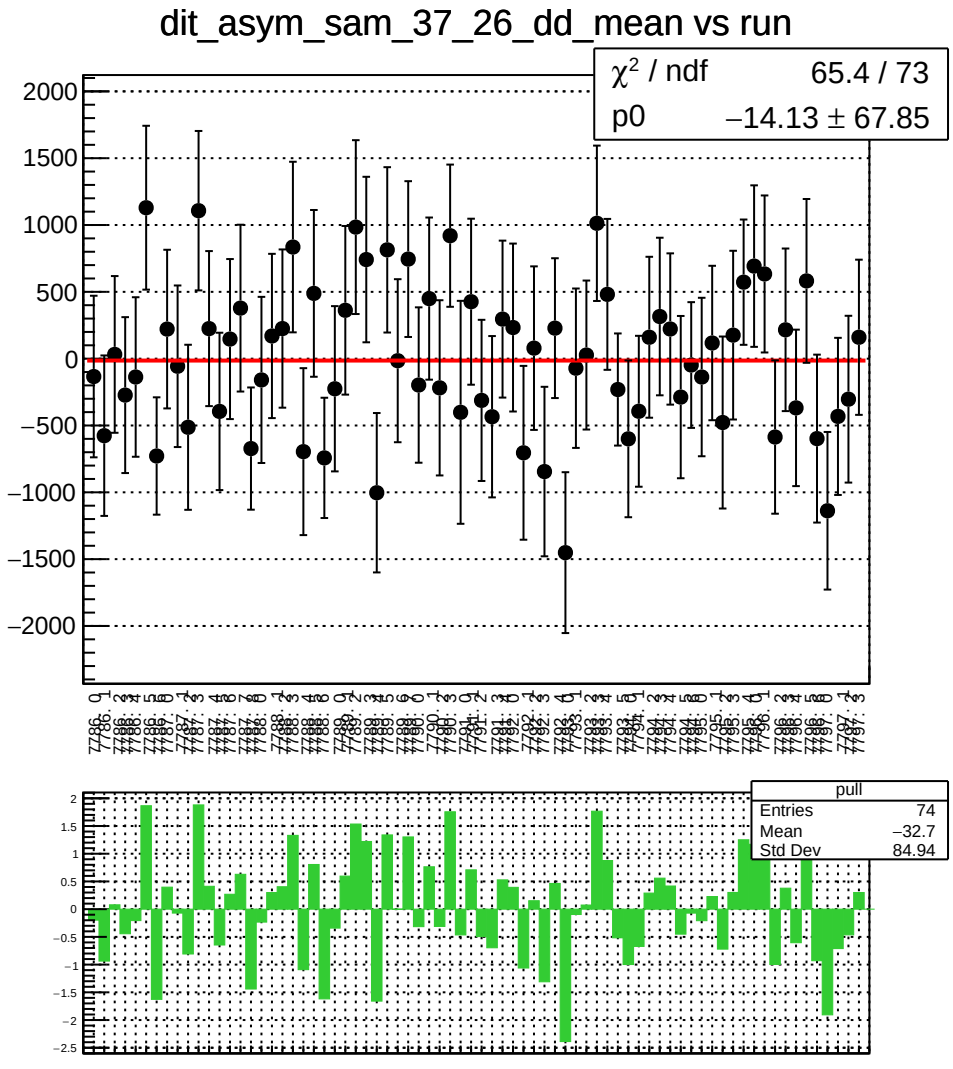

pull1D
Entries 74
Mean −0.000955
Std Dev 0.9803

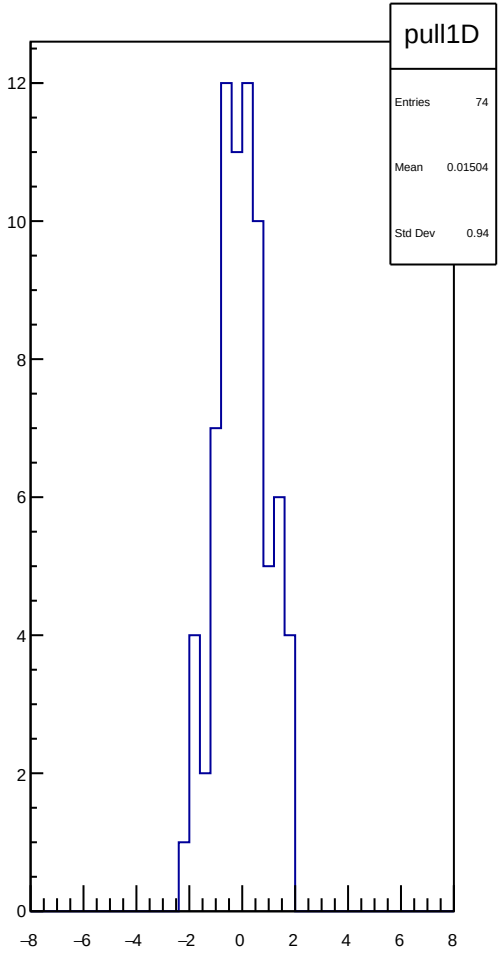

asym_sam_15_26_dd_correction_rms vs run
χ² / ndf 3745 / 73
p0 915.2 ± 0.7644
1050
1000
950
900
850
800

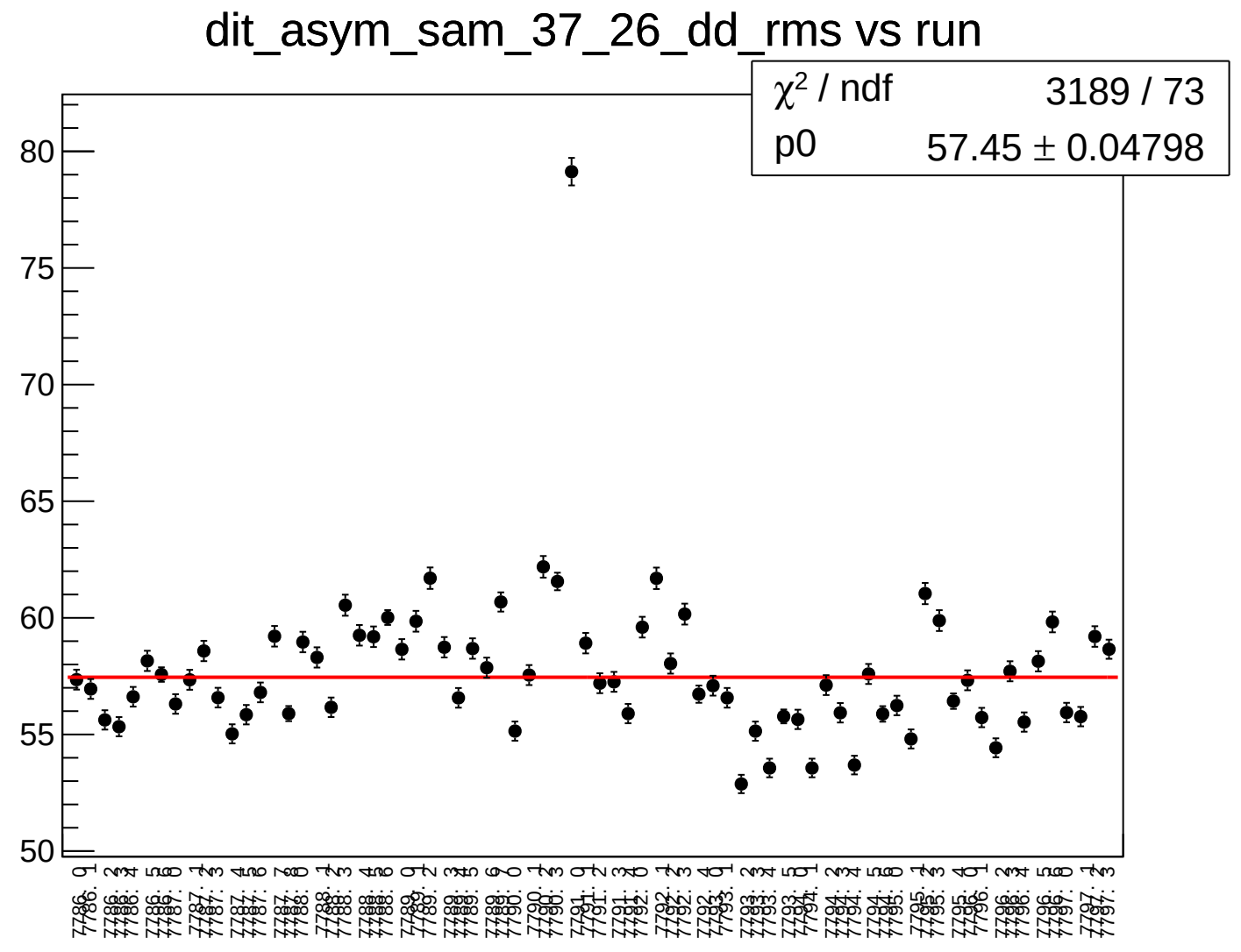

asym_sam_15_26_dd_mean vs run
χ² / ndf 66.89 / 73
p0 −1815 ± 1071
pull
Entries 74
Mean −353.6
Std Dev 301.5

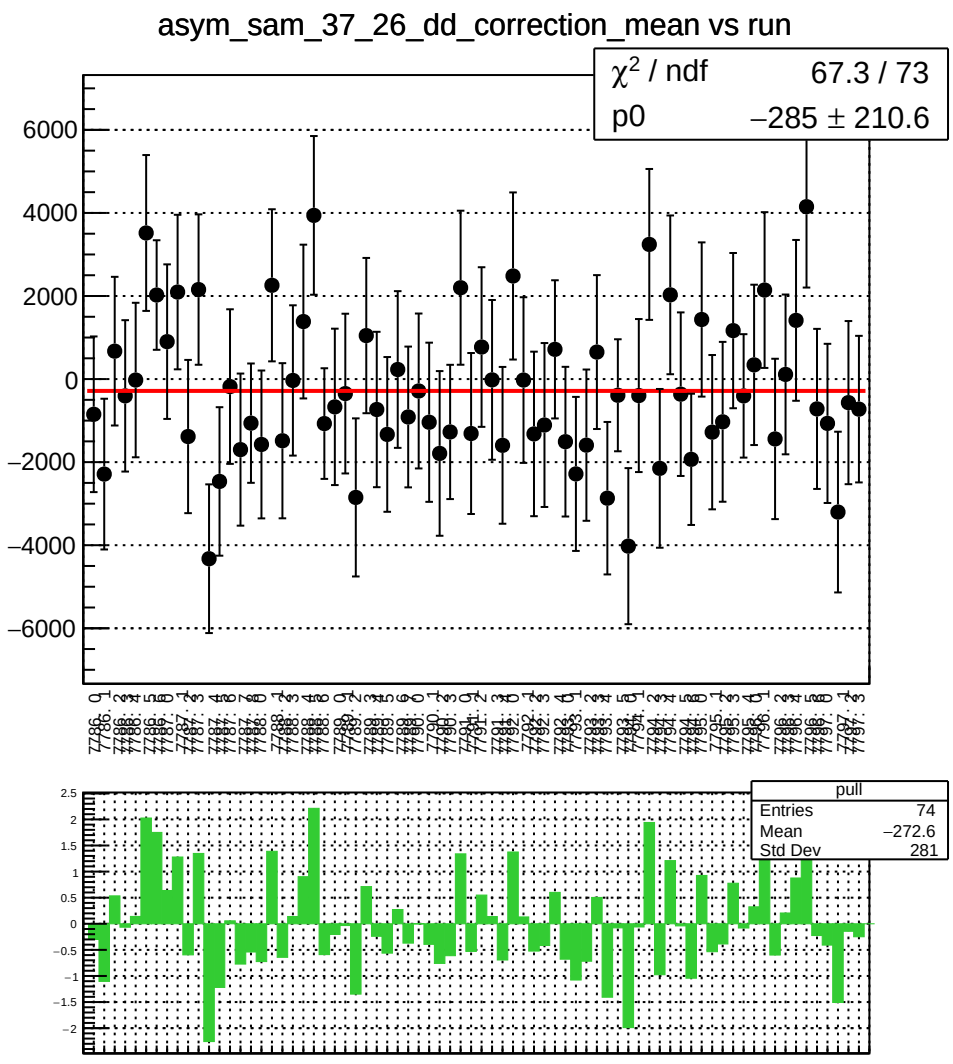

pull1D
Entries 74
Mean 0.001219
Std Dev 0.9507

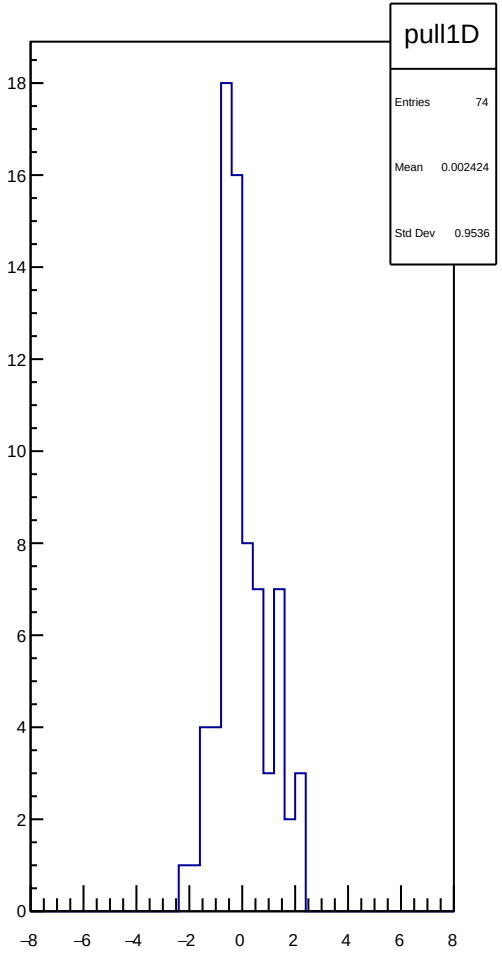

asym_sam_15_26_dd_rms vs run
χ² / ndf 3569 / 73
p0 906.9 ± 0.7575
1050
1000
950
900
850
800

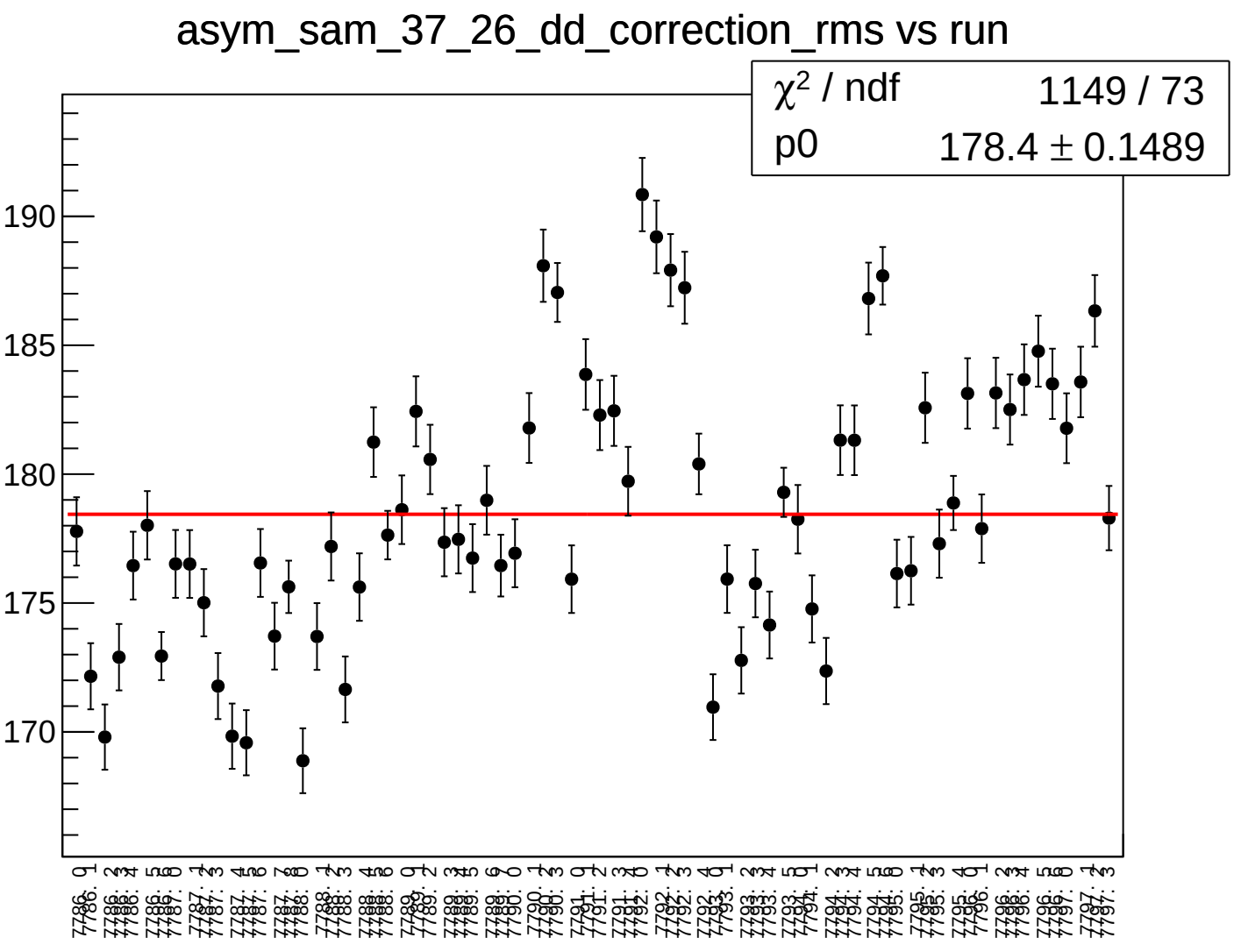

dit_asym_sam_37_26_dd_mean vs run
χ² / ndf 65.4 / 73
p0 −14.13 ± 67.85
pull
Entries 74
Mean −32.7
Std Dev 84.94

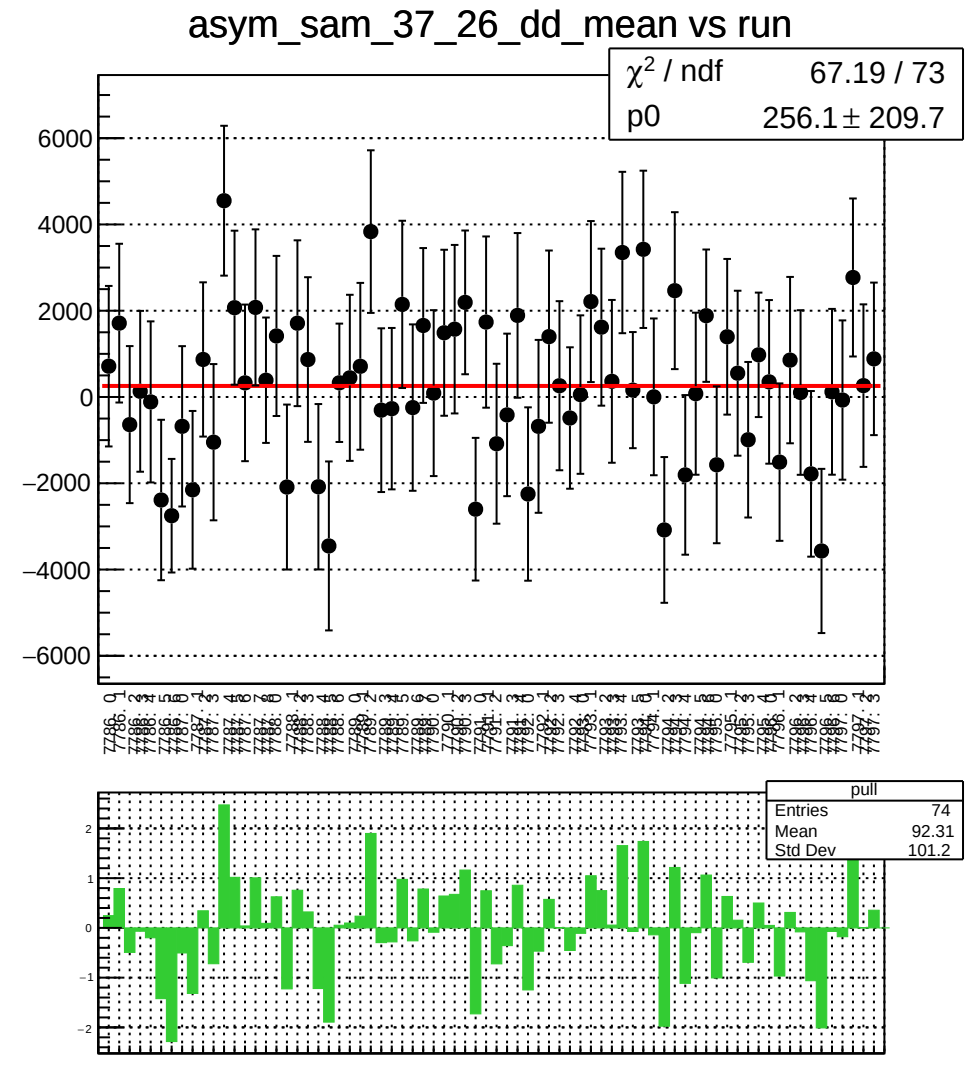

pull1D
Entries 74
Mean 0.01504
Std Dev 0.94

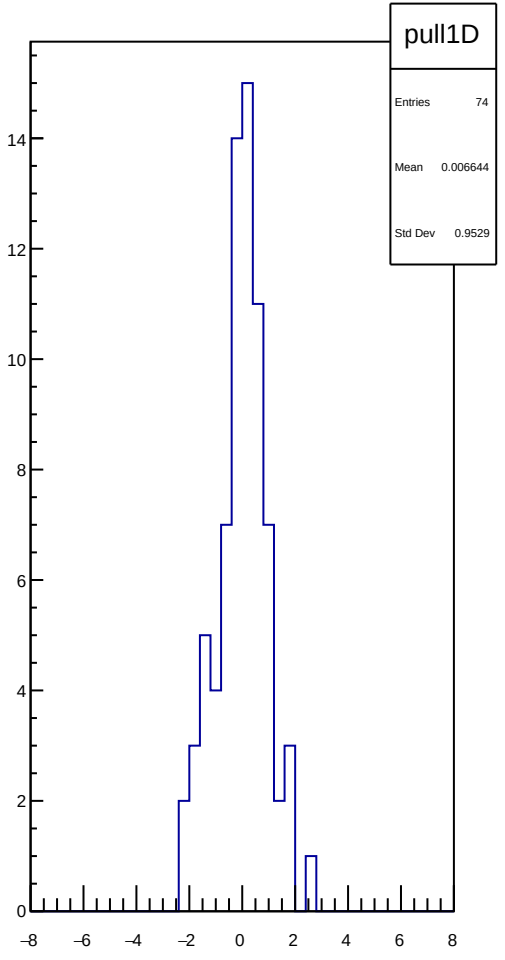

dit_asym_sam_37_26_dd_rms vs run
$\chi^2$ / ndf 3189 / 73
p0 57.45 ± 0.04798
80
75
70
65
60
55
50

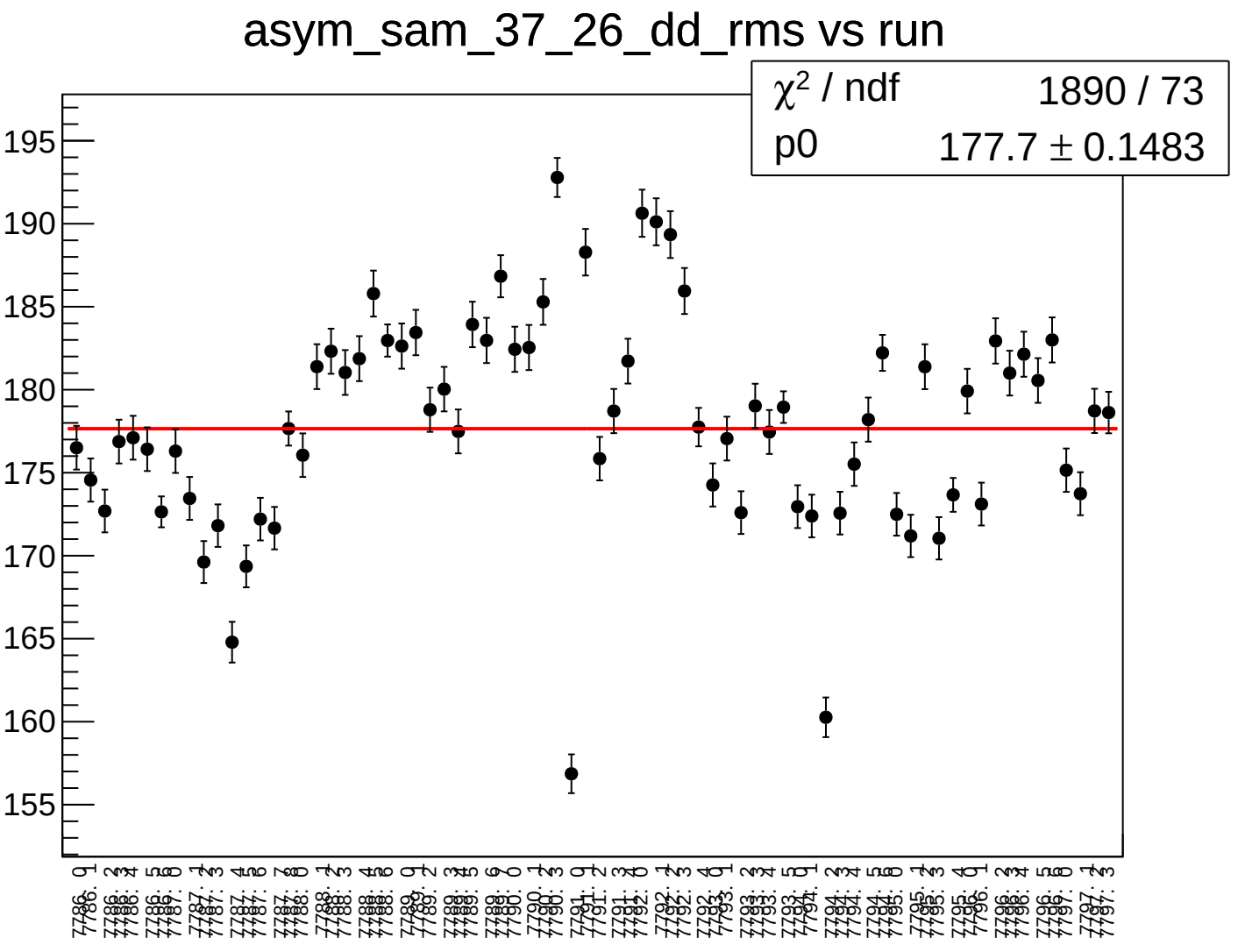

asym_sam_37_26_dd_correction_mean vs run
χ² / ndf 67.3 / 73
p0 −285 ± 210.6
6000
4000
2000
0
−2000
−4000
−6000
pull
Entries 74
Mean −272.6
Std Dev 281
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

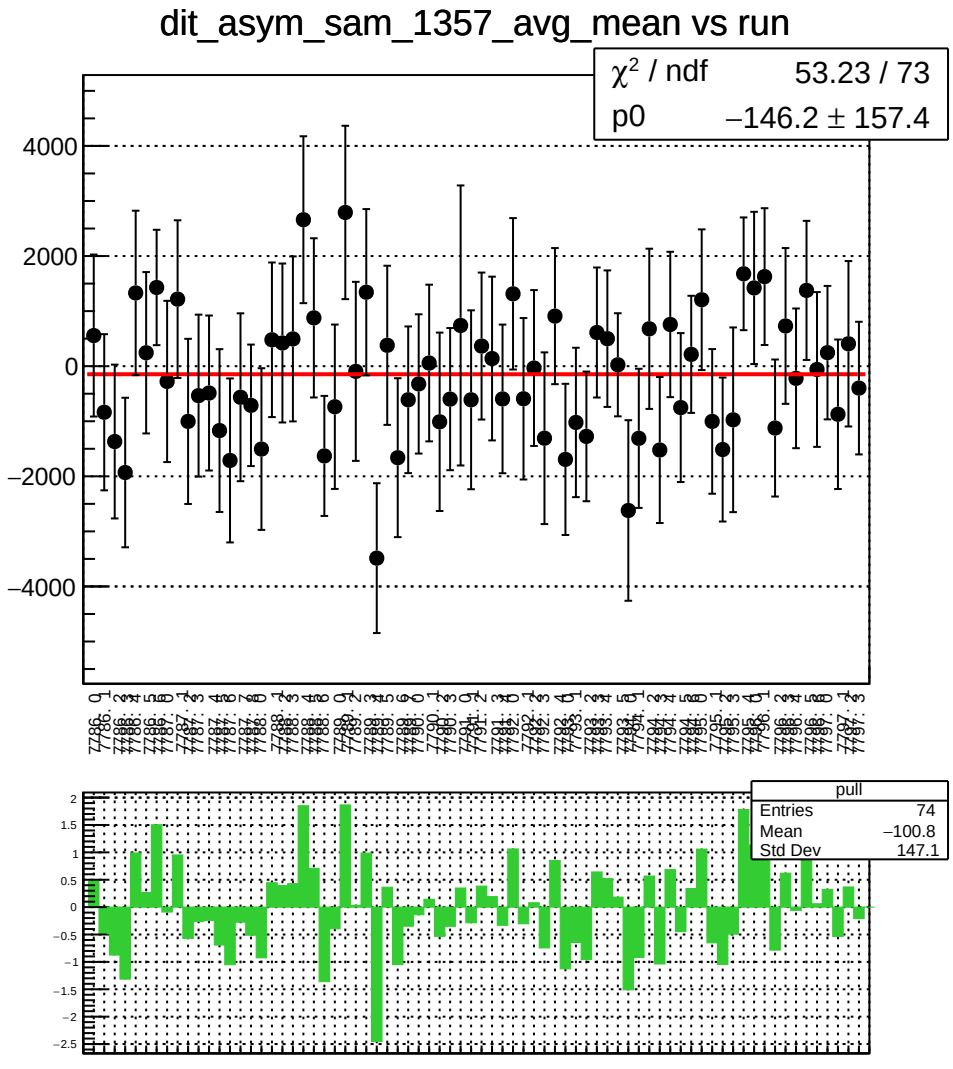

pull1D
Entries 74
Mean 0.002424
Std Dev 0.9536
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

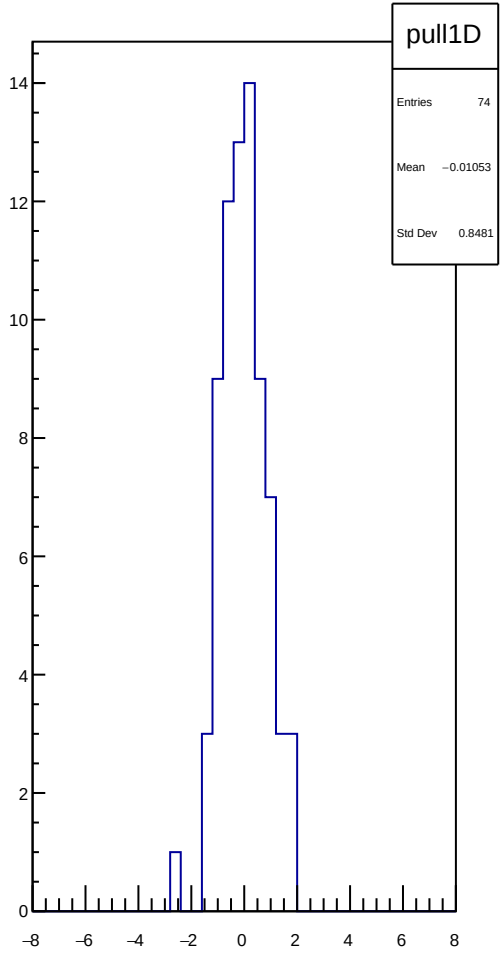

asym_sam_37_26_dd_correction_rms vs run
χ² / ndf 1149 / 73
p0 178.4 ± 0.1489
190
185
180
175
170

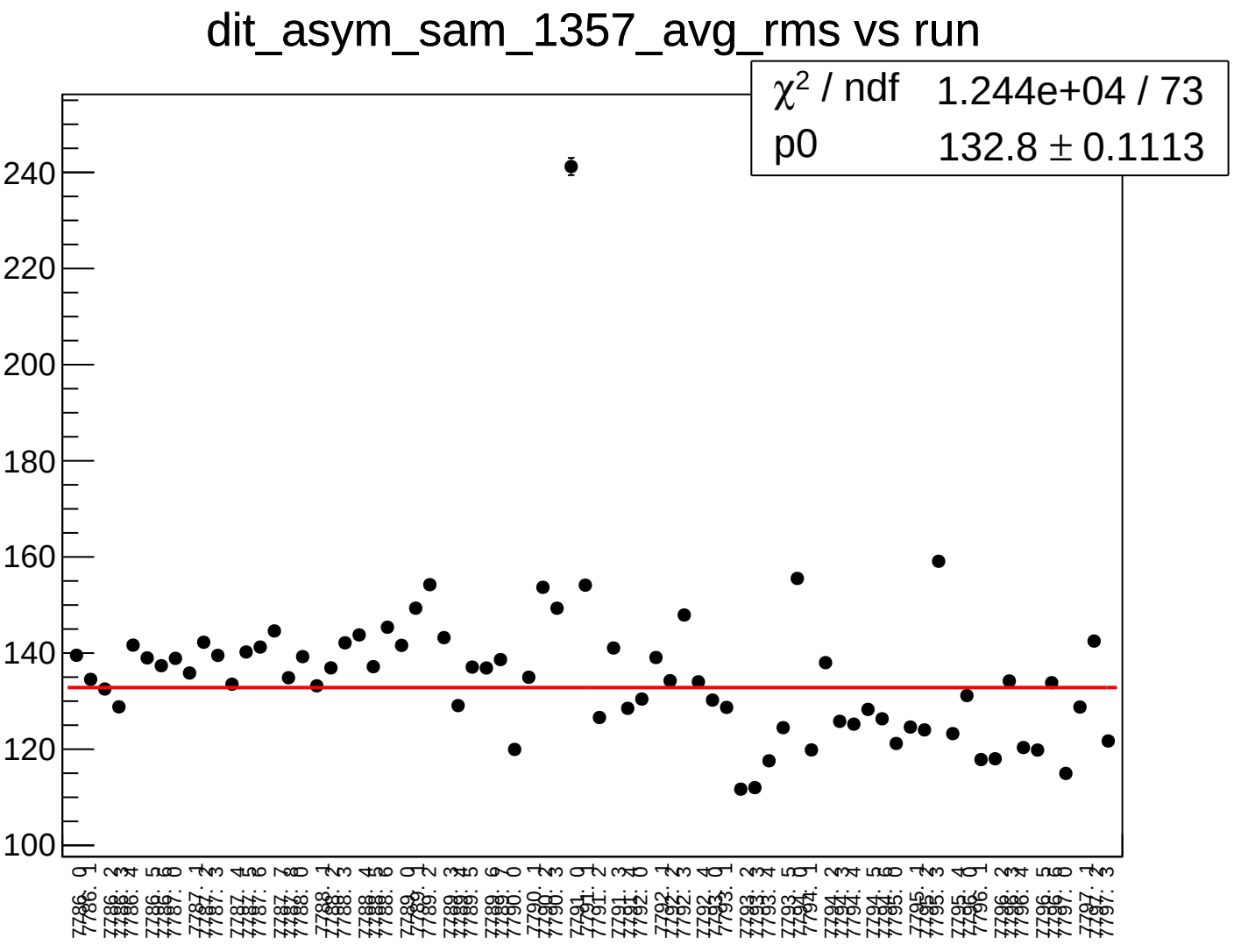

asym_sam_37_26_dd_mean vs run
χ² / ndf 67.19 / 73
p0 256.1 ± 209.7
pull
Entries 74
Mean 92.31
Std Dev 101.2

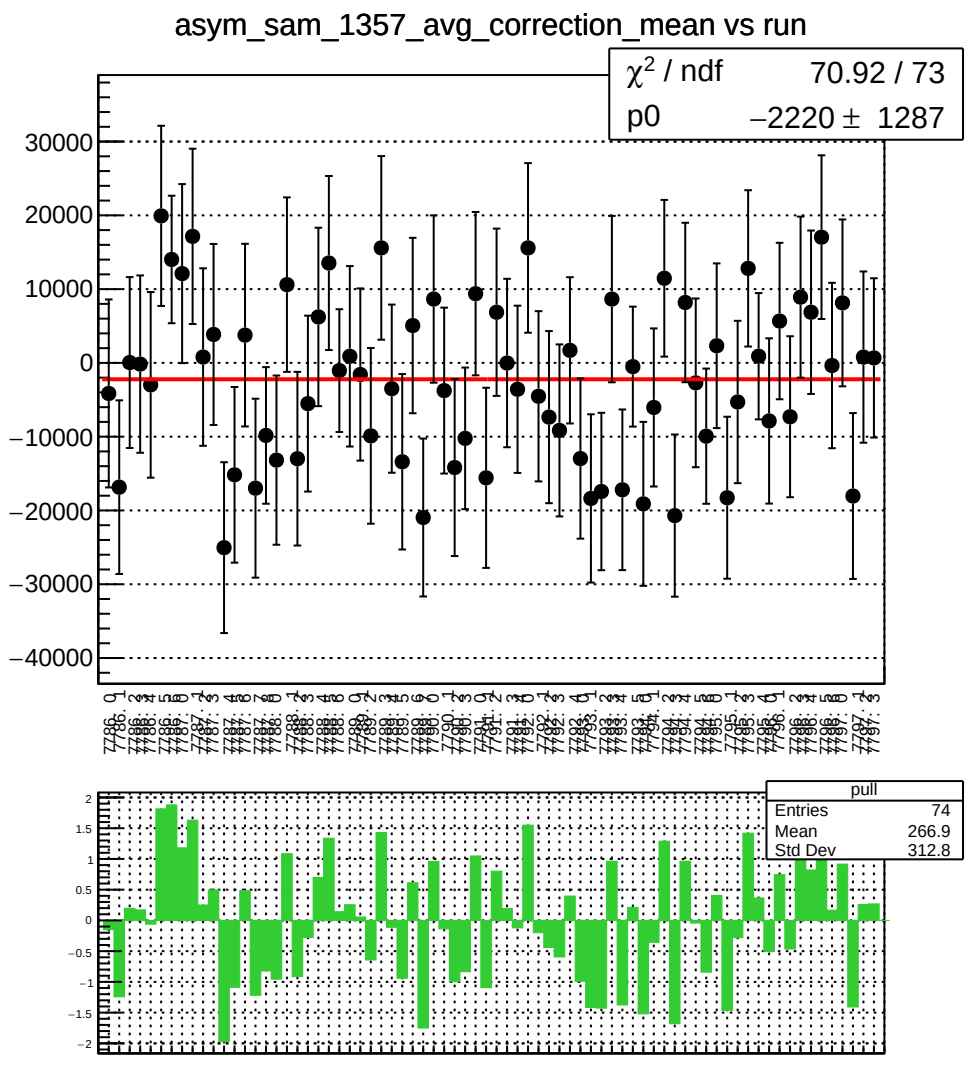

pull1D
Entries 74
Mean 0.006644
Std Dev 0.9529

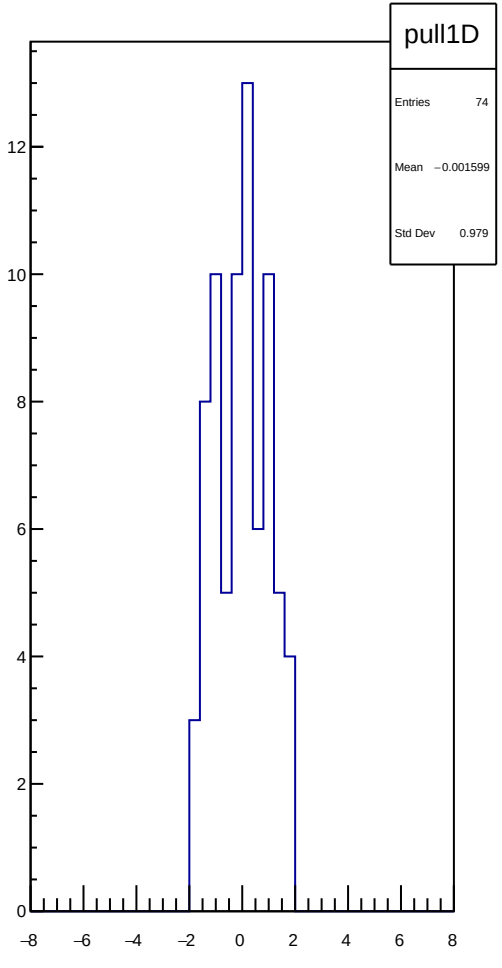

asym_sam_37_26_dd_rms vs run
χ² / ndf 1890 / 73
p0 177.7 ± 0.1483
195
190
185
180
175
170
165
160
155

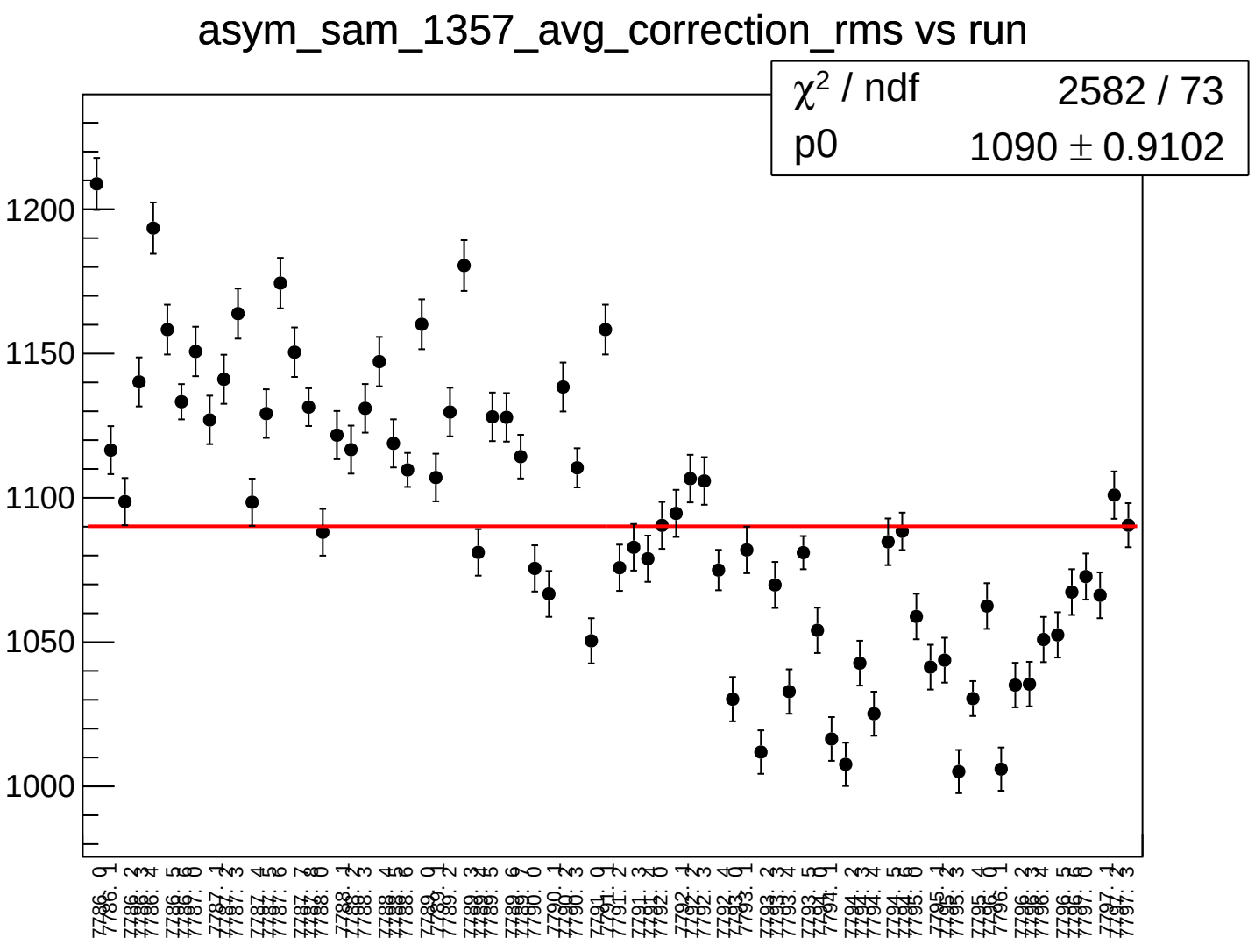

dit_asym_sam_1357_avg_mean vs run
χ² / ndf 53.23 / 73
p0 −146.2 ± 157.4
4000
2000
0
−2000
−4000
pull
Entries 74
Mean −100.8
Std Dev 147.1
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

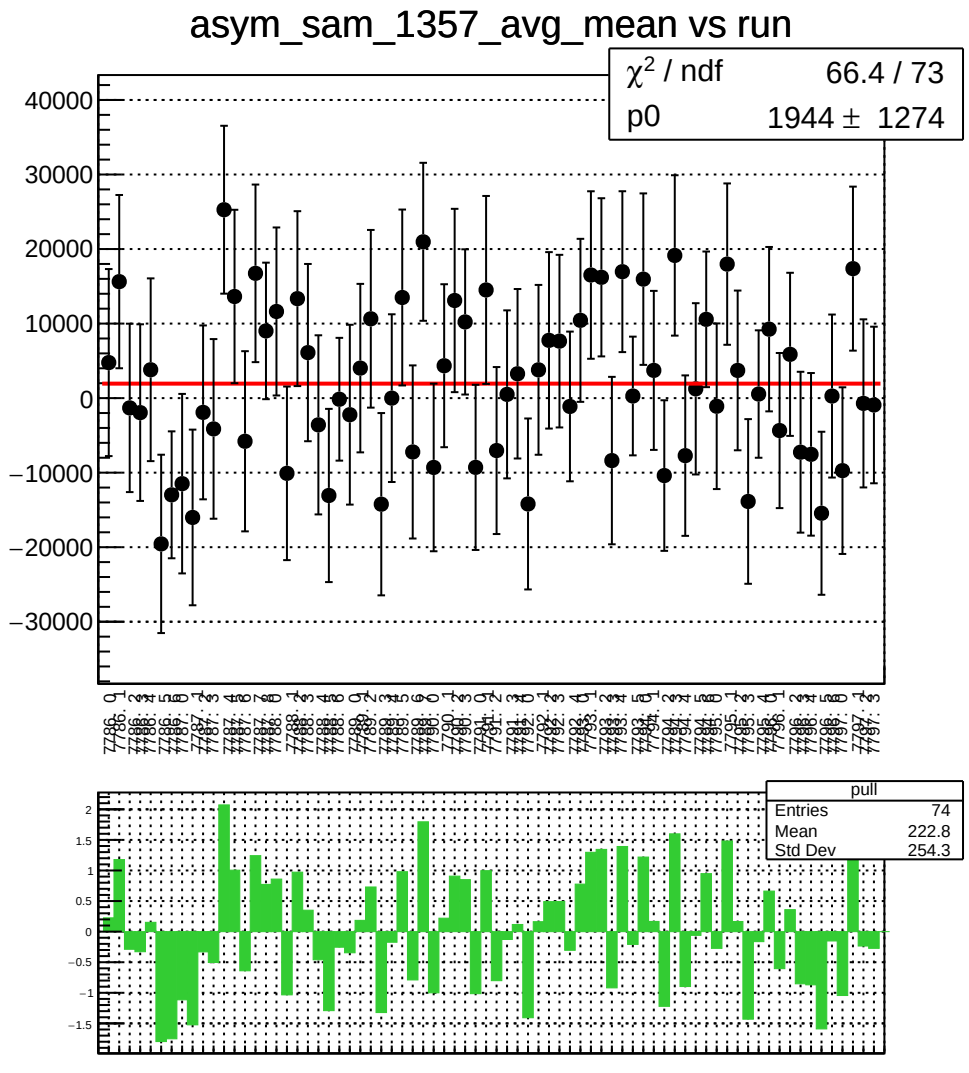

pull1D
Entries 74
Mean −0.01053
Std Dev 0.8481
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

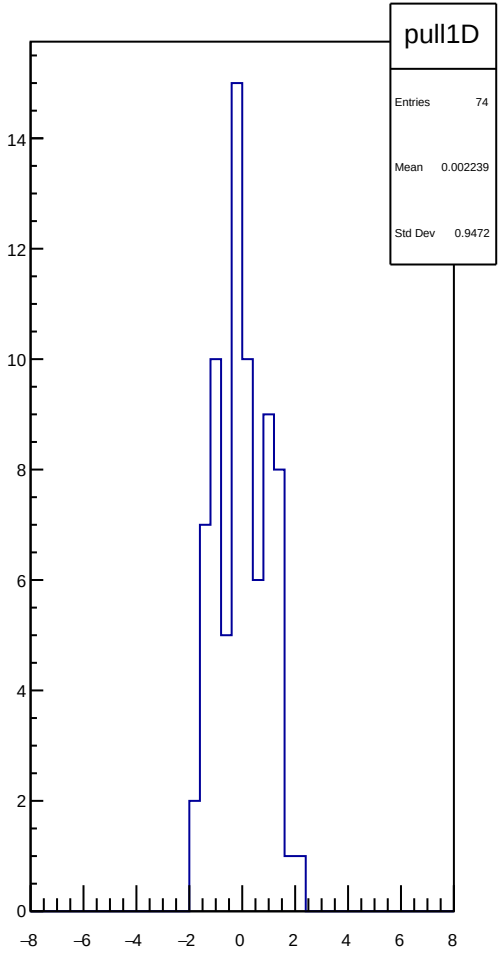

dit_asym_sam_1357_avg_rms vs run
χ² / ndf 1.244e+04 / 73
p0 132.8 ± 0.1113
240
220
200
180
160
140
120
100

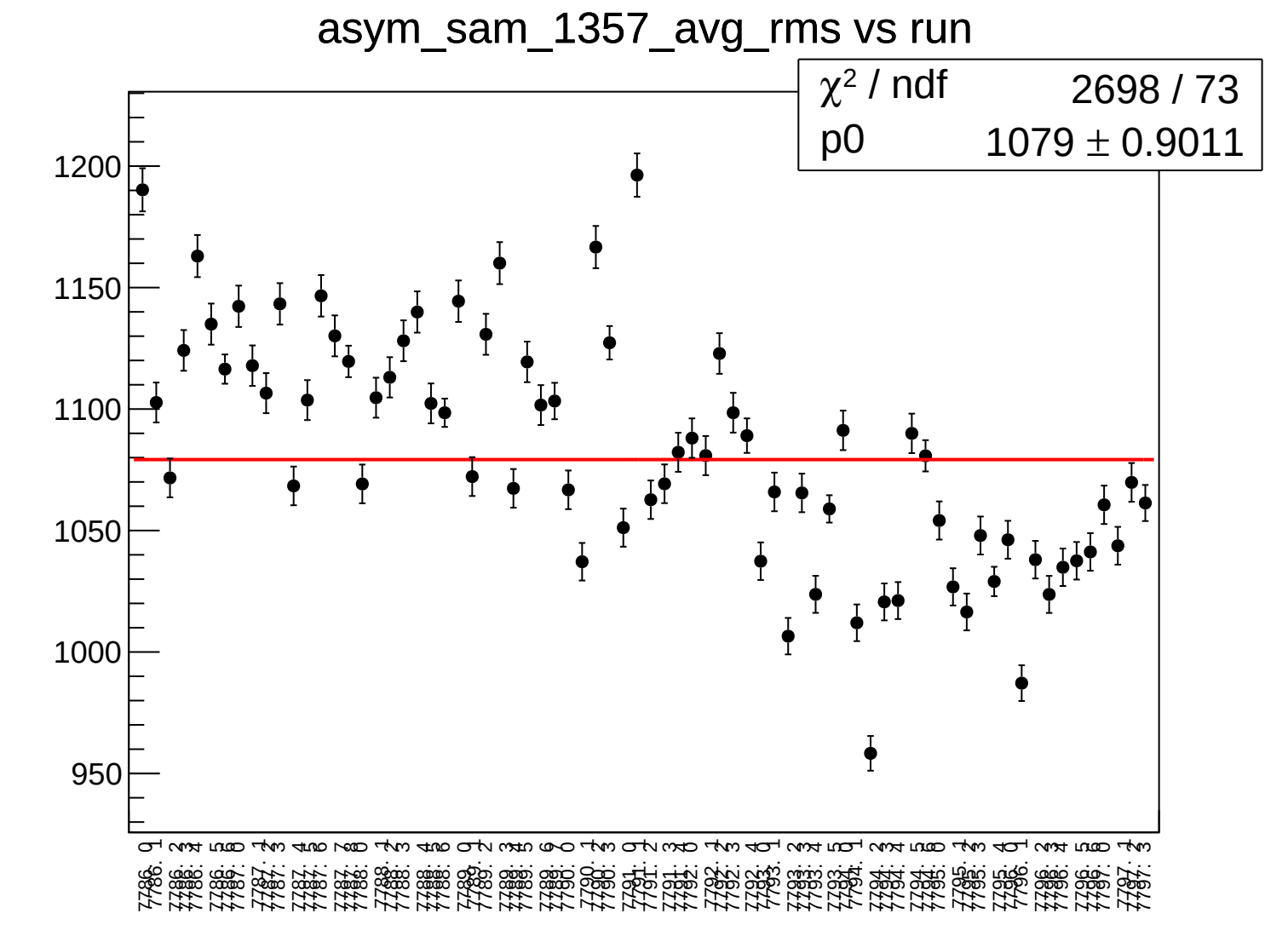

asym_sam_1357_avg_correction_mean vs run
χ² / ndf 70.92 / 73
p0 −2220 ± 1287
pull
Entries 74
Mean 266.9
Std Dev 312.8

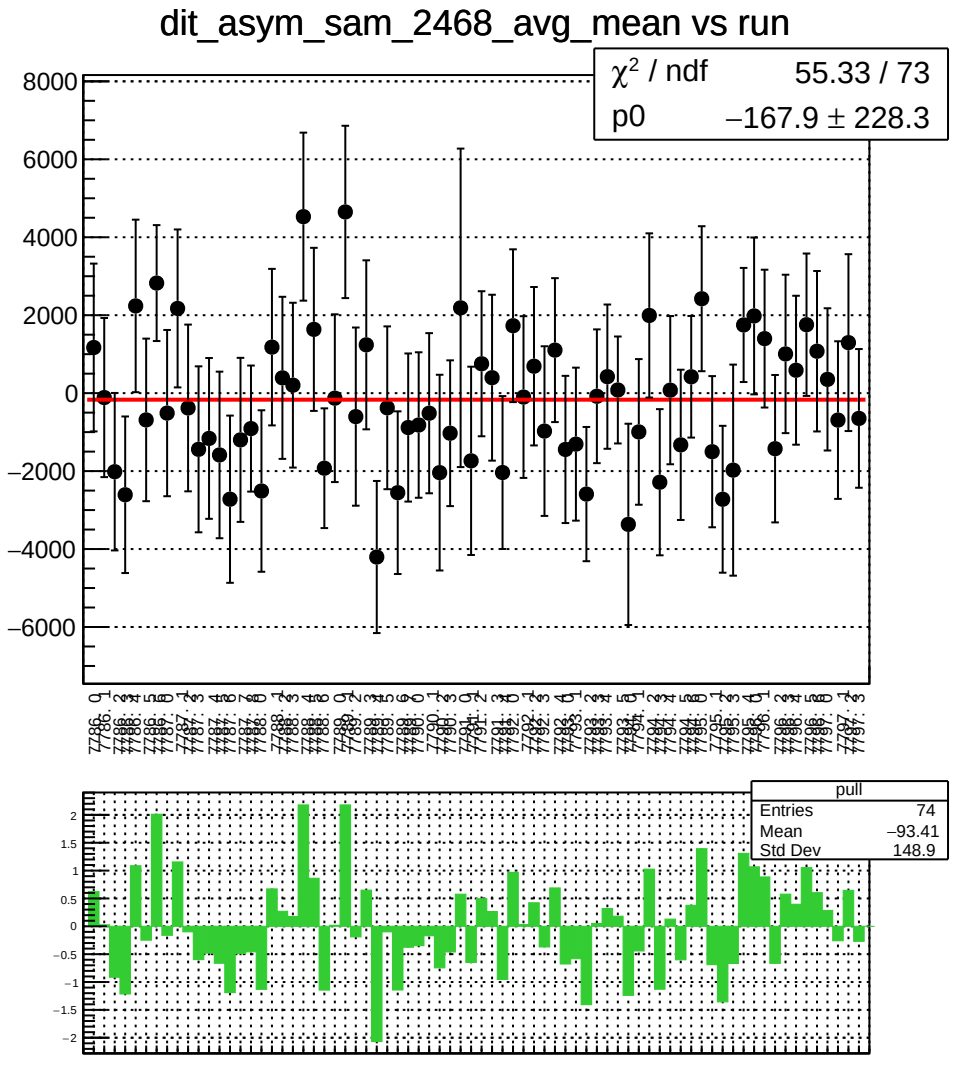

pull1D
Entries 74
Mean −0.001599
Std Dev 0.979

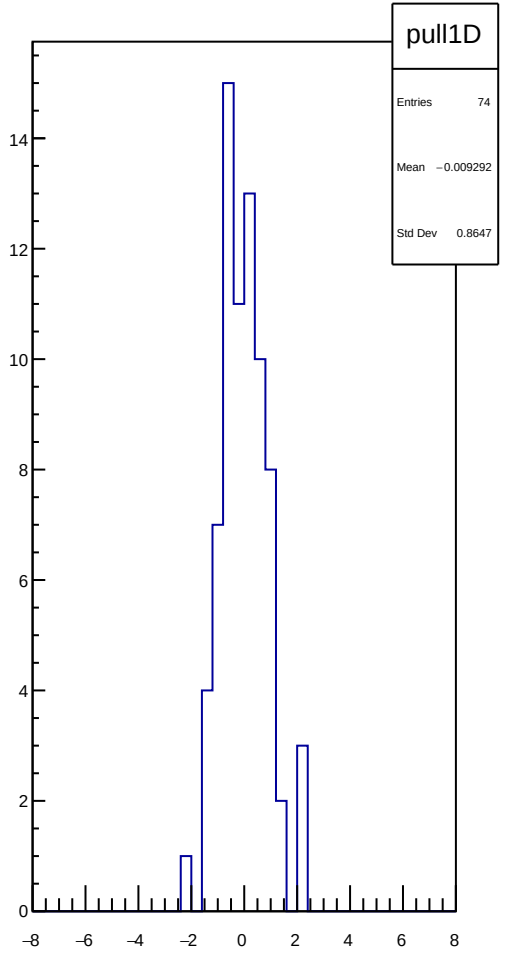

asym_sam_1357_avg_correction_rms vs run
χ² / ndf 2582 / 73
p0 1090 ± 0.9102
1200
1150
1100
1050
1000

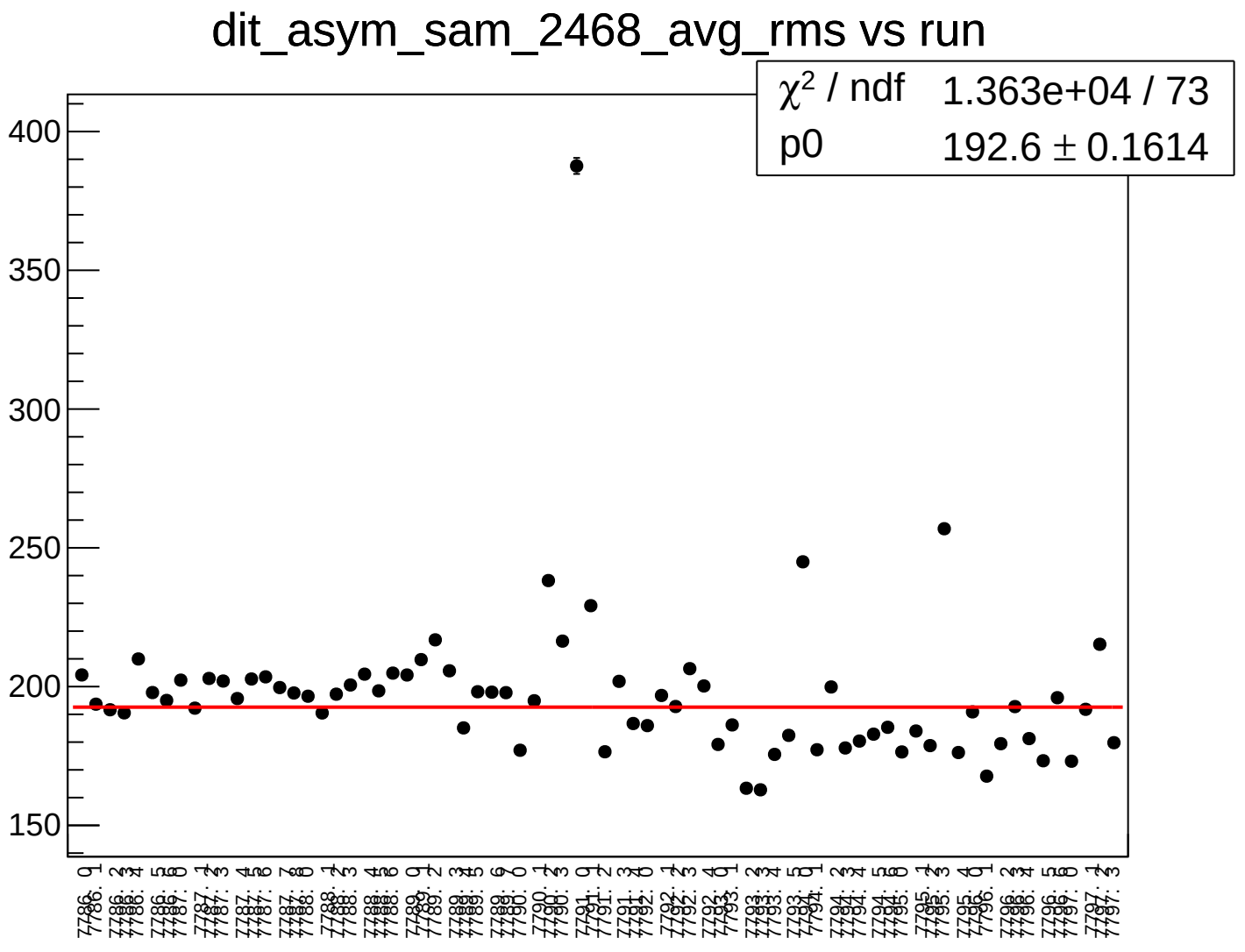

asym_sam_1357_avg_mean vs run
χ² / ndf 66.4 / 73
p0 1944 ± 1274
pull
Entries 74
Mean 222.8
Std Dev 254.3

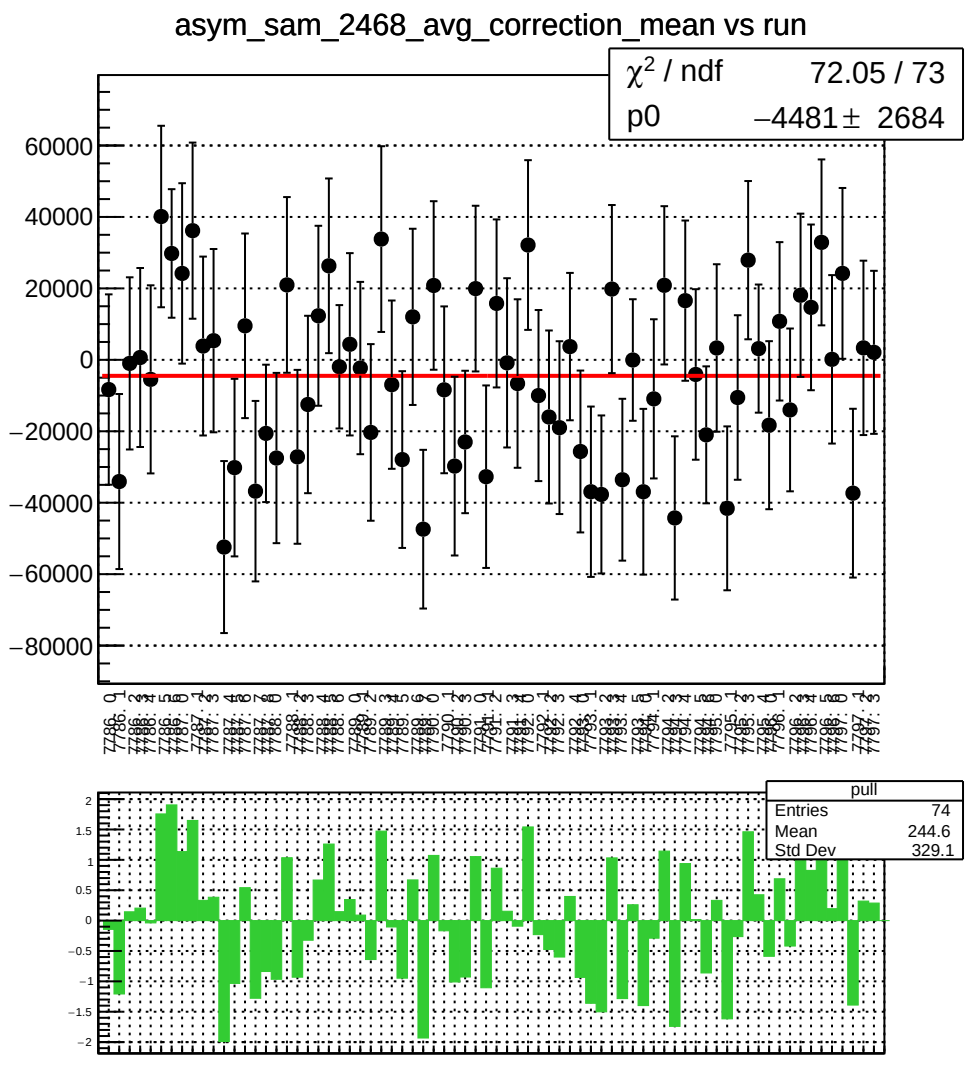

pull1D
Entries 74
Mean 0.002239
Std Dev 0.9472

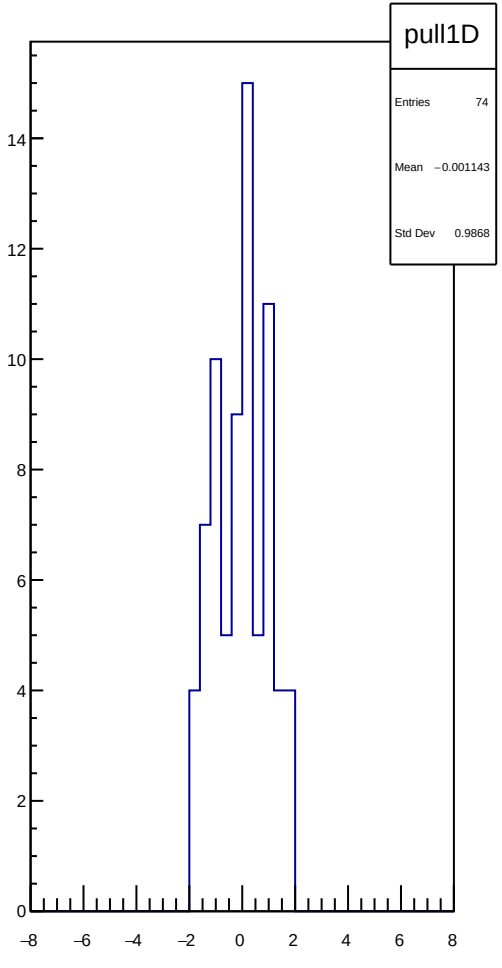

asym_sam_1357_avg_rms vs run
χ² / ndf 2698 / 73
p0 1079 ± 0.9011
1200
1150
1100
1050
1000
950

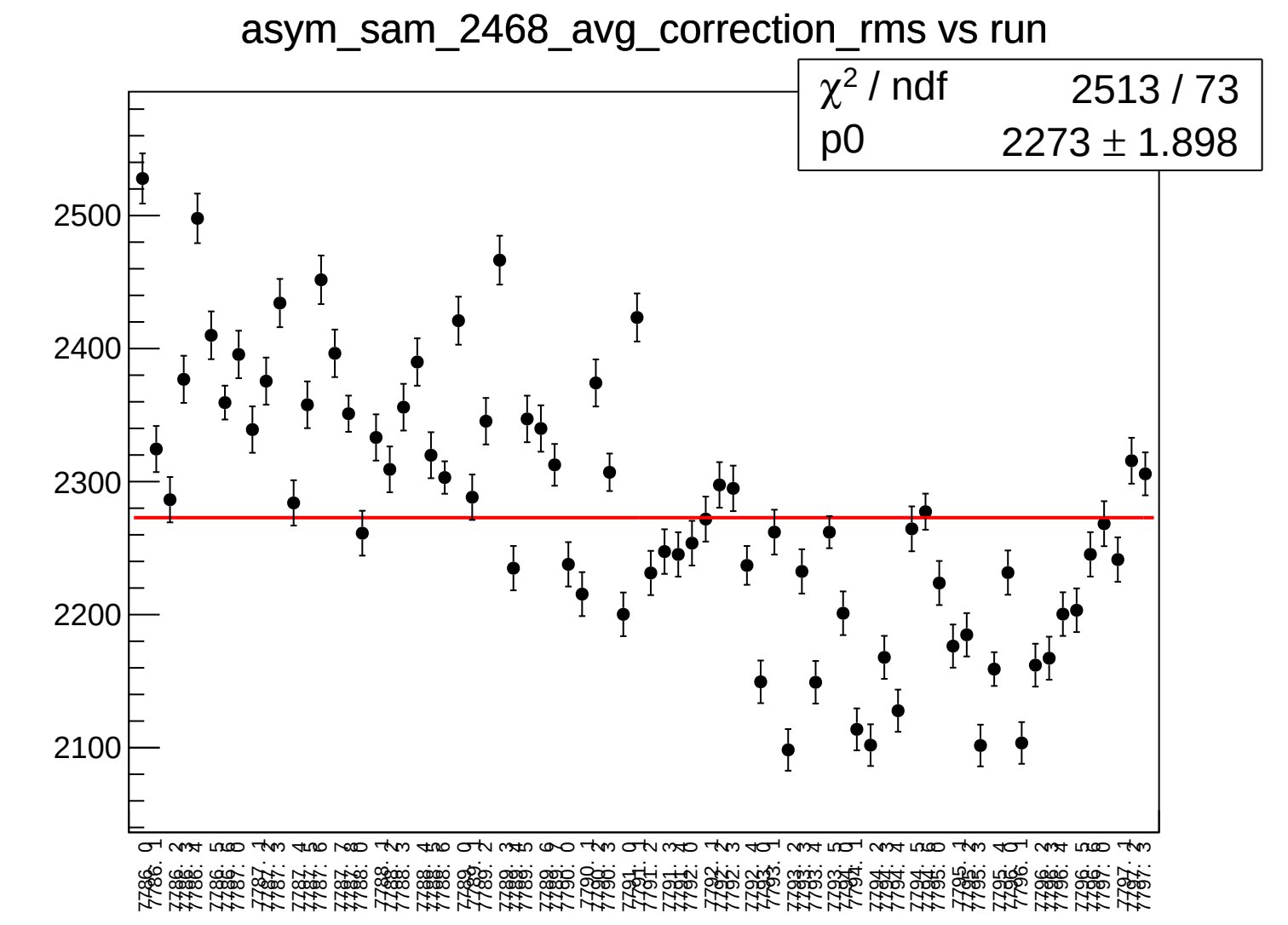

dit_asym_sam_2468_avg_mean vs run
χ² / ndf 55.33 / 73
p0 −167.9 ± 228.3
8000
6000
4000
2000
0
−2000
−4000
−6000
pull
Entries 74
Mean −93.41
Std Dev 148.9
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

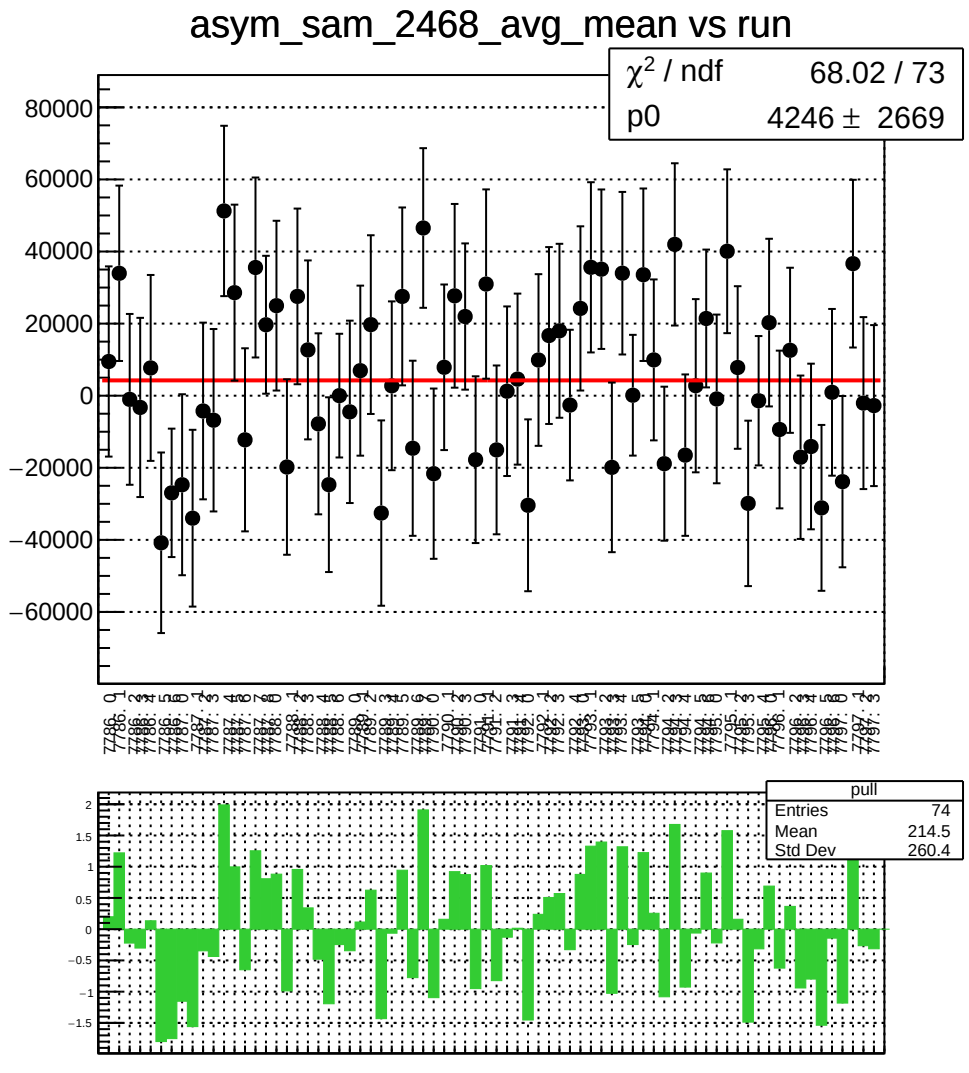

pull1D
Entries 74
Mean −0.009292
Std Dev 0.8647
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

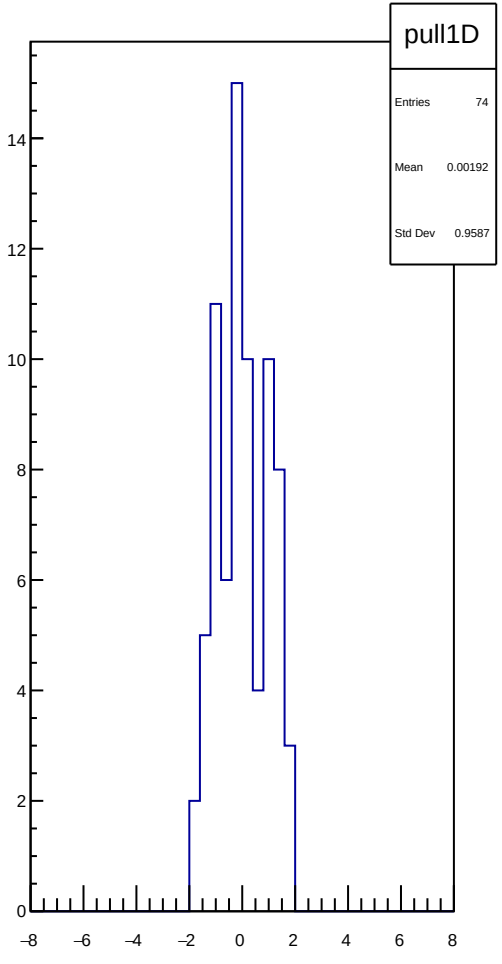

dit_asym_sam_2468_avg_rms vs run
χ² / ndf 1.363e+04 / 73
p0 192.6 ± 0.1614
400
350
300
250
200
150

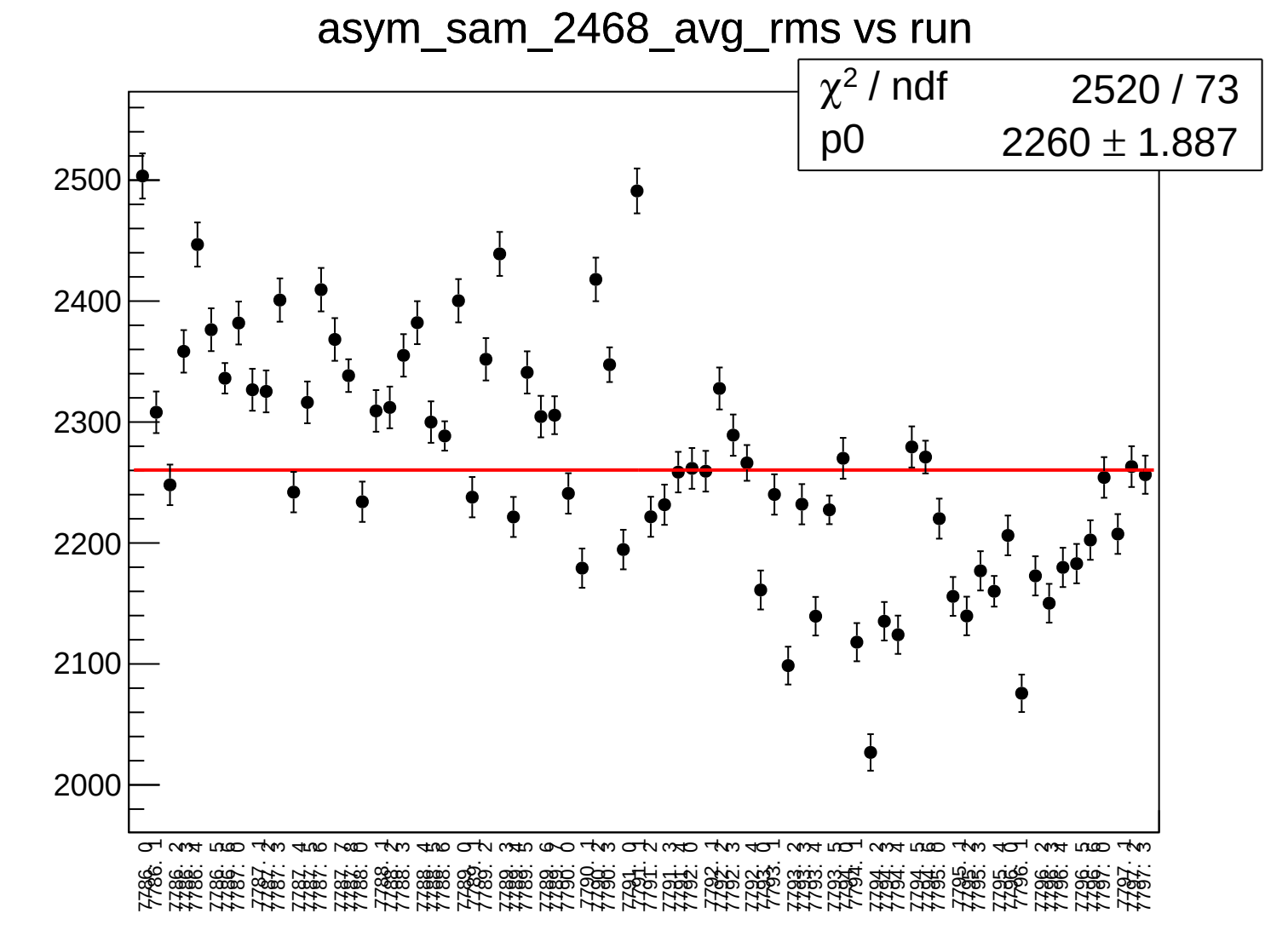

asym_sam_2468_avg_correction_mean vs run
χ² / ndf 72.05 / 73
p0 −4481 ± 2684
pull
Entries 74
Mean 244.6
Std Dev 329.1

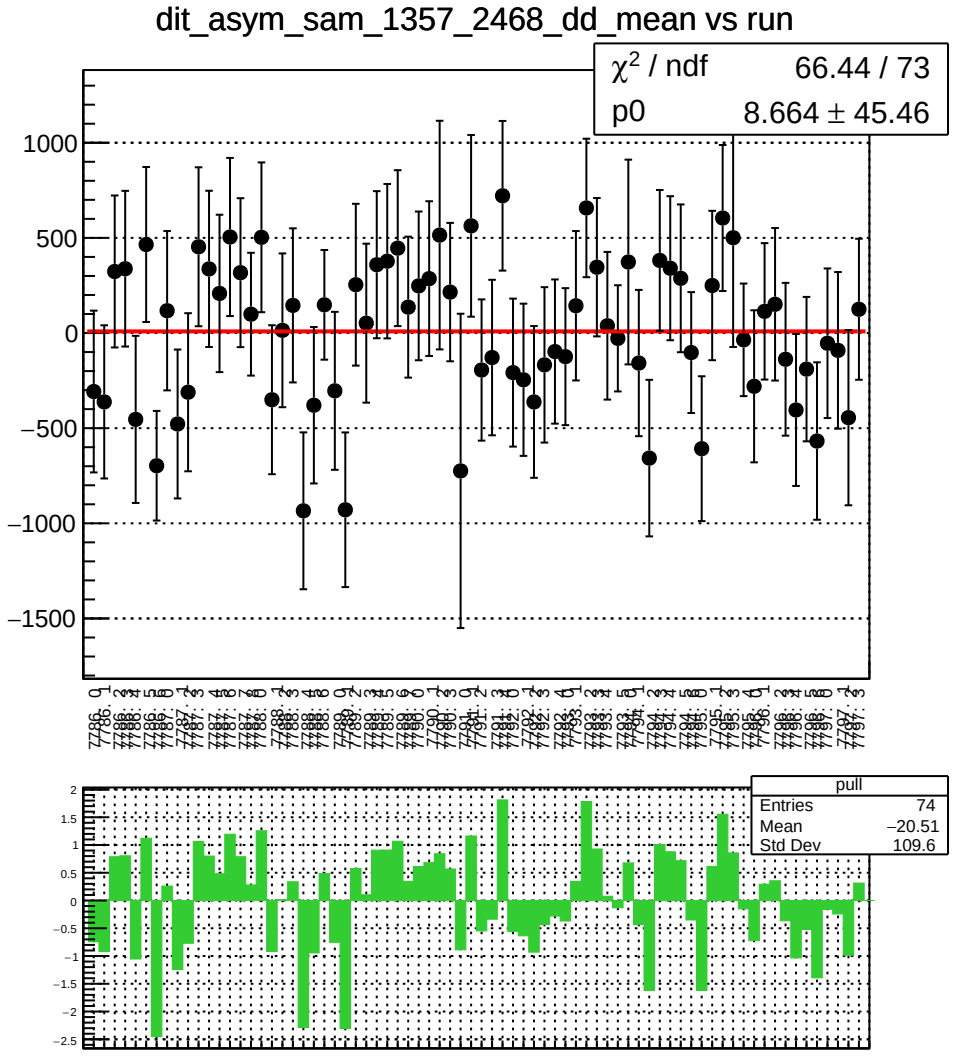

pull1D
Entries 74
Mean −0.001143
Std Dev 0.9868

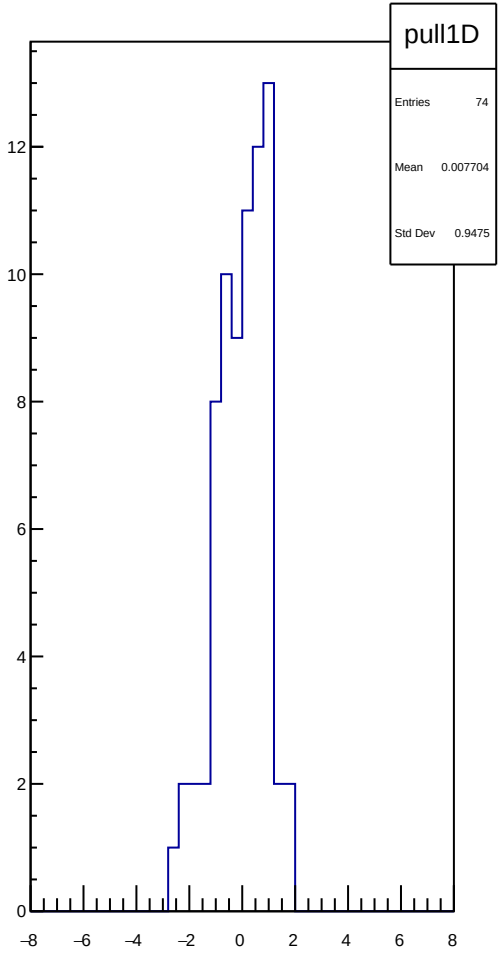

asym_sam_2468_avg_correction_rms vs run
χ² / ndf 2513 / 73
p0 2273 ± 1.898
2500
2400
2300
2200
2100

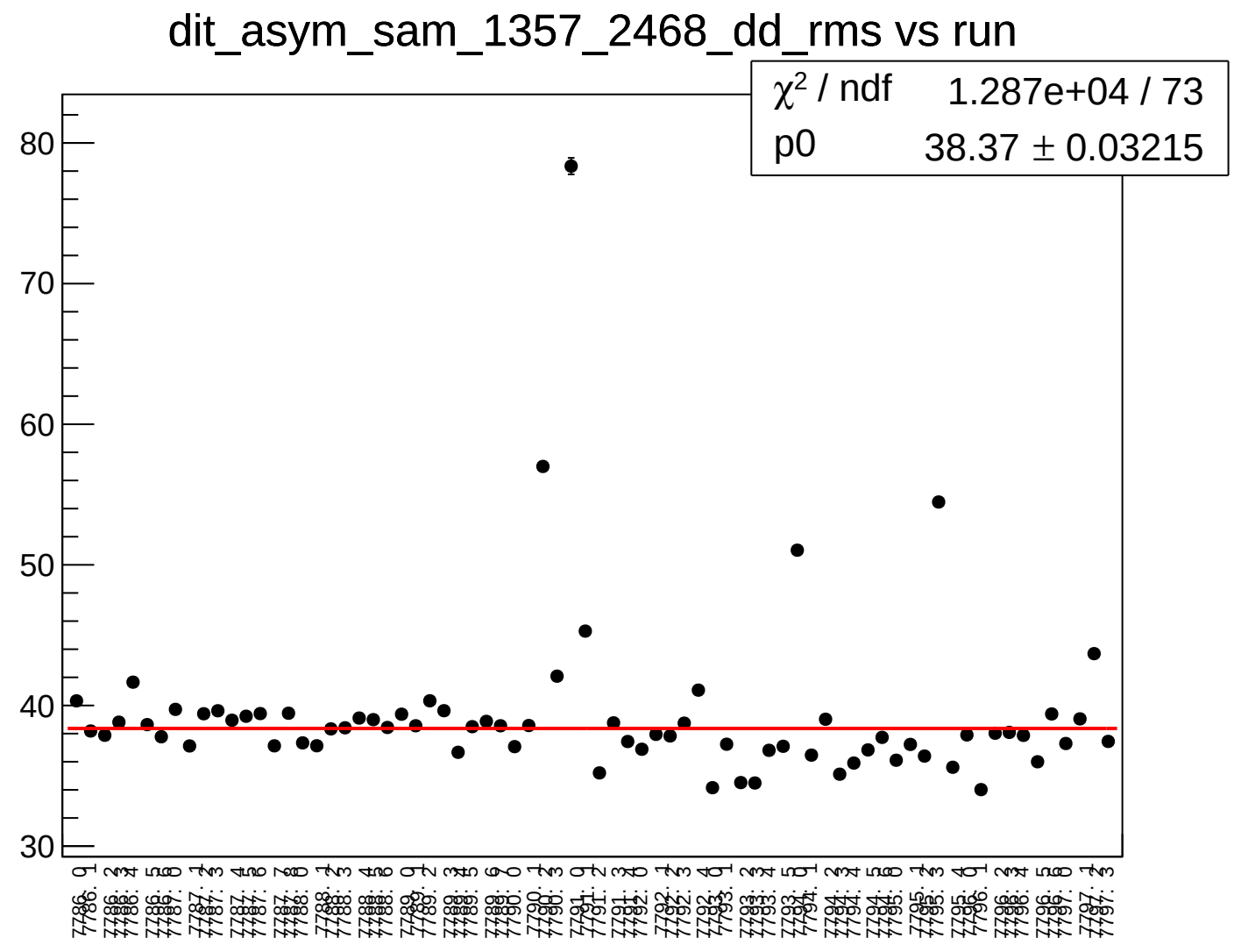

asym_sam_2468_avg_mean vs run
χ² / ndf 68.02 / 73
p0 4246 ± 2669
pull
Entries 74
Mean 214.5
Std Dev 260.4

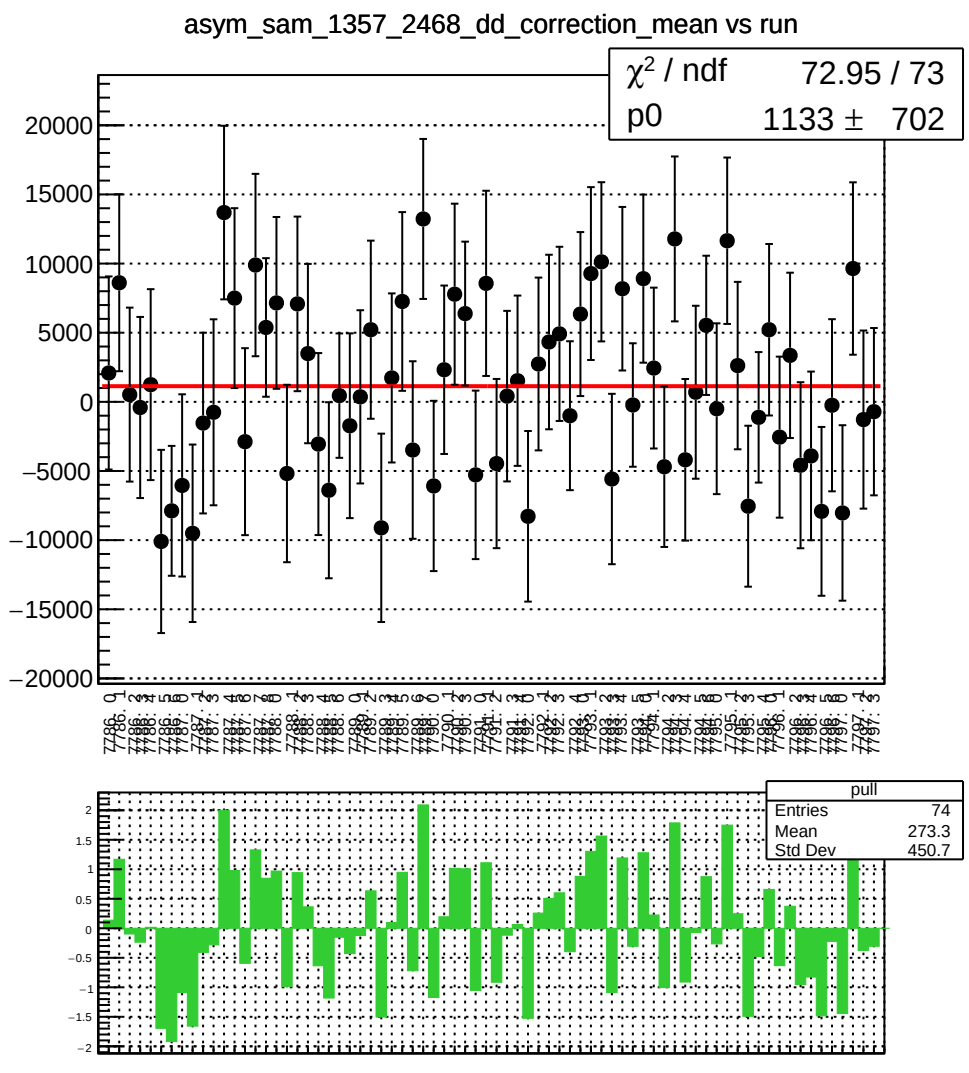

pull1D
Entries 74
Mean 0.00192
Std Dev 0.9587

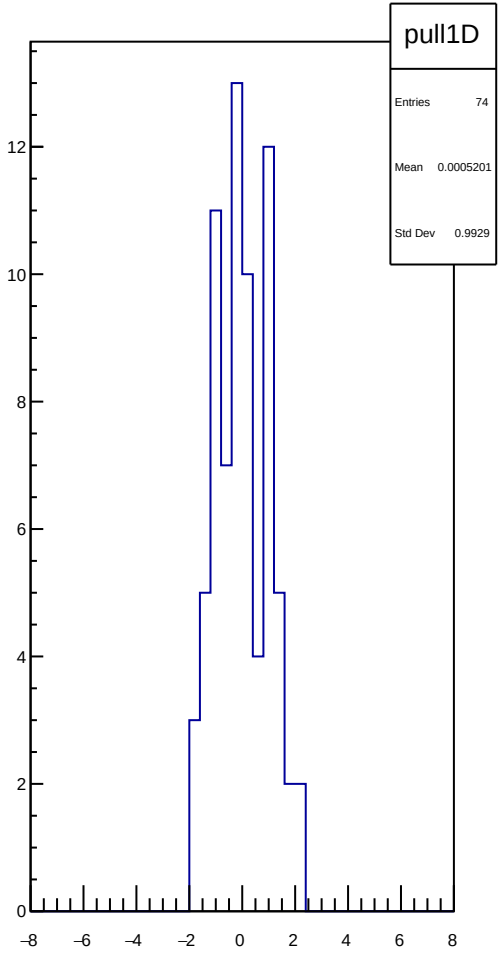

asym_sam_2468_avg_rms vs run
χ² / ndf 2520 / 73
p0 2260 ± 1.887
2500
2400
2300
2200
2100
2000

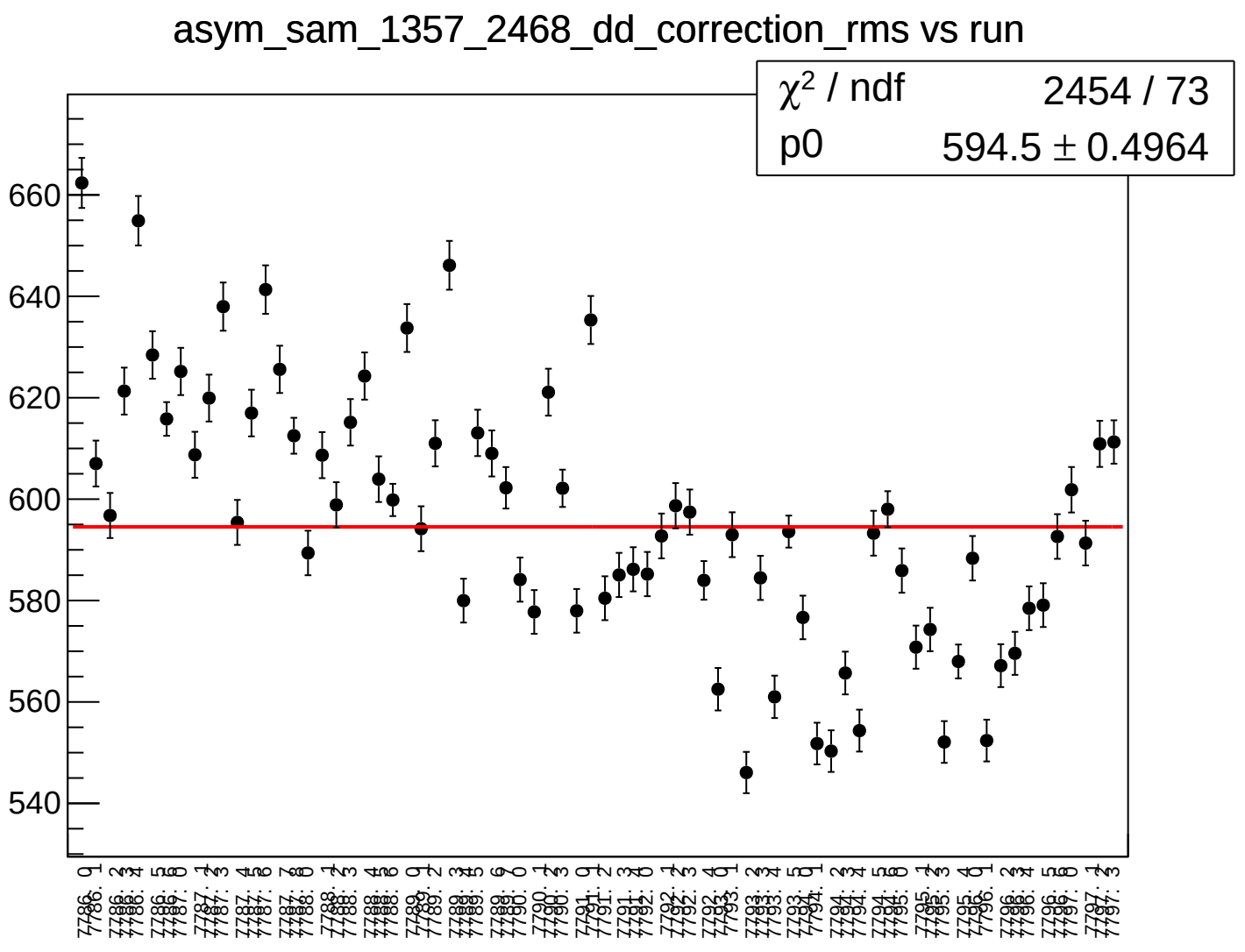

dit_asym_sam_1357_2468_dd_mean vs run
χ² / ndf 66.44 / 73
p0 8.664 ± 45.46
pull
Entries 74
Mean −20.51
Std Dev 109.6

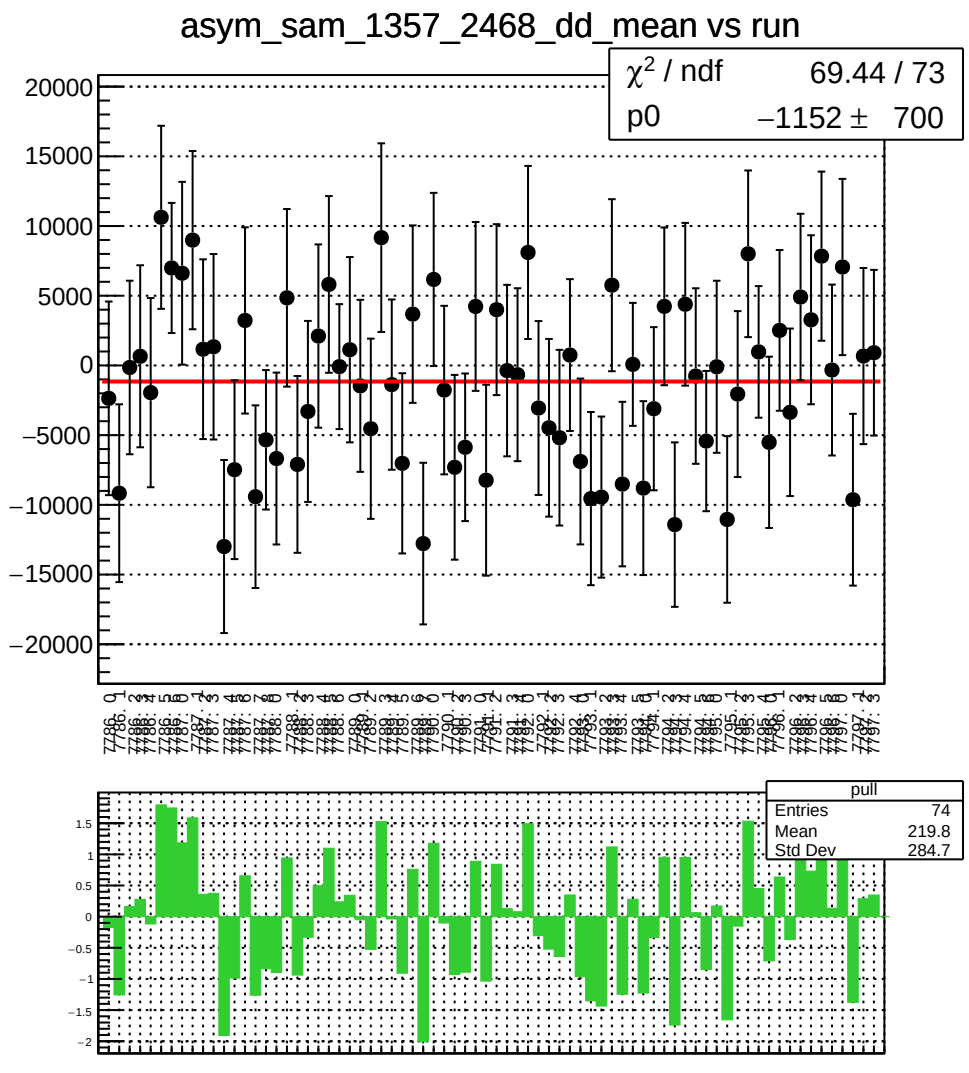

pull1D
Entries 74
Mean 0.007704
Std Dev 0.9475

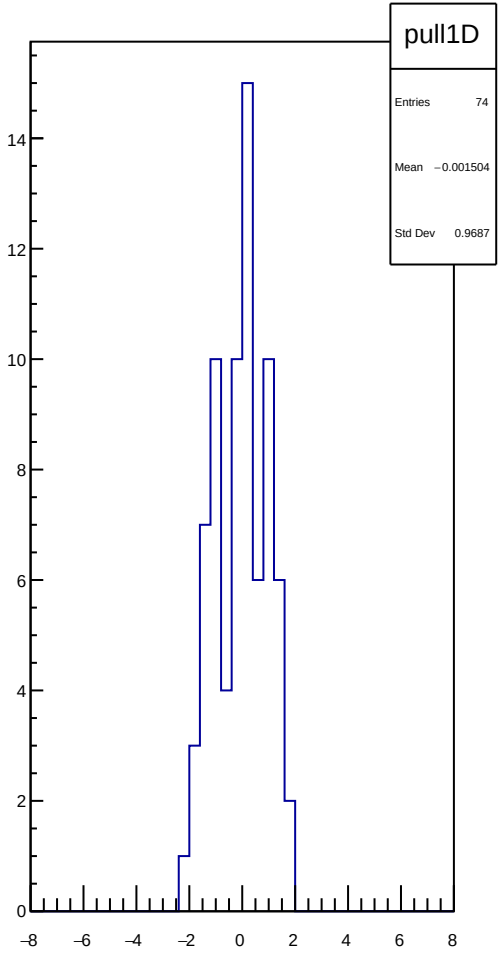

dit_asym_sam_1357_2468_dd_rms vs run
χ² / ndf 1.287e+04 / 73
p0 38.37 ± 0.03215
80
70
60
50
40
30

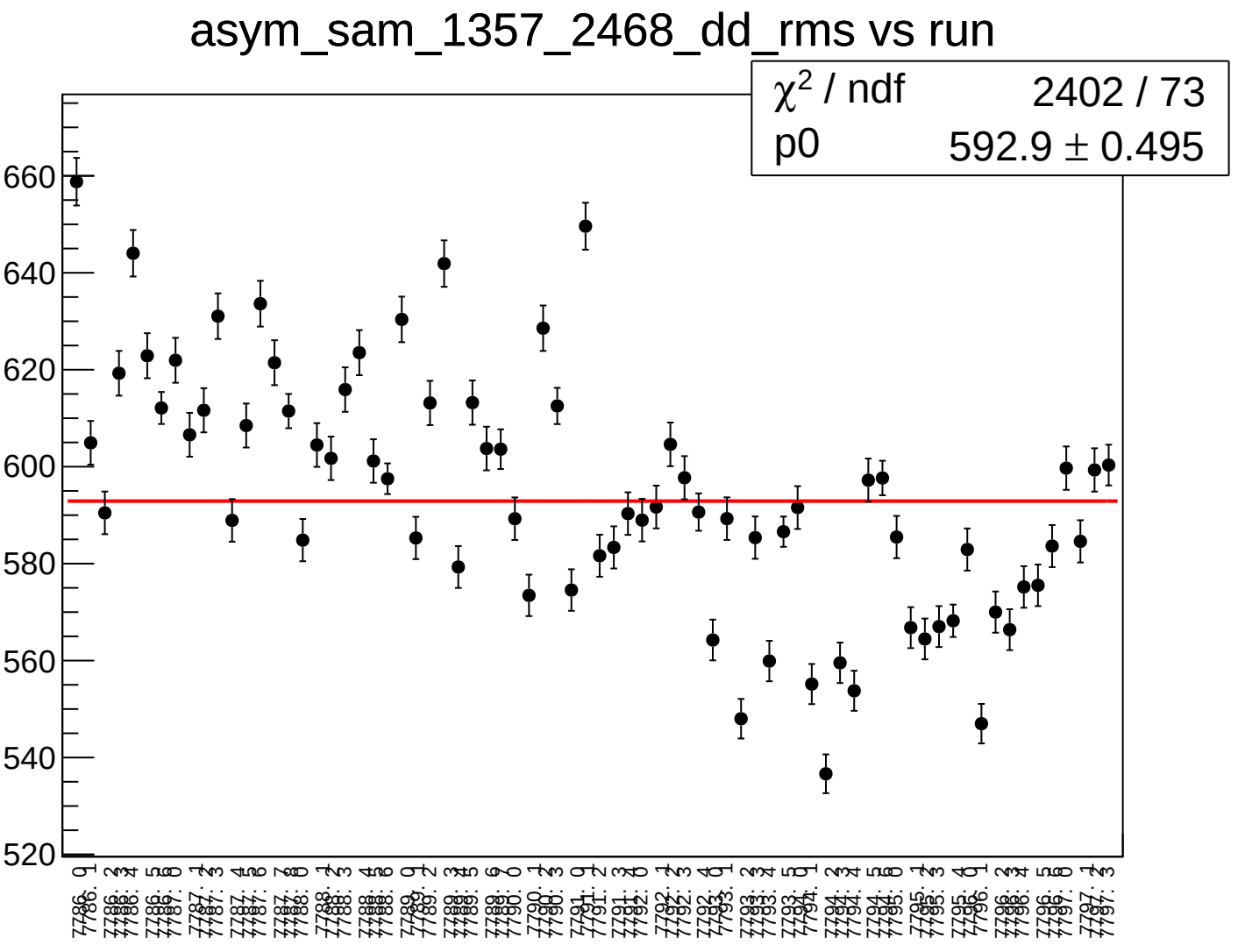

asym_sam_1357_2468_dd_correction_mean vs run
χ² / ndf 72.95 / 73
p0 1133 ± 702
pull
Entries 74
Mean 273.3
Std Dev 450.7

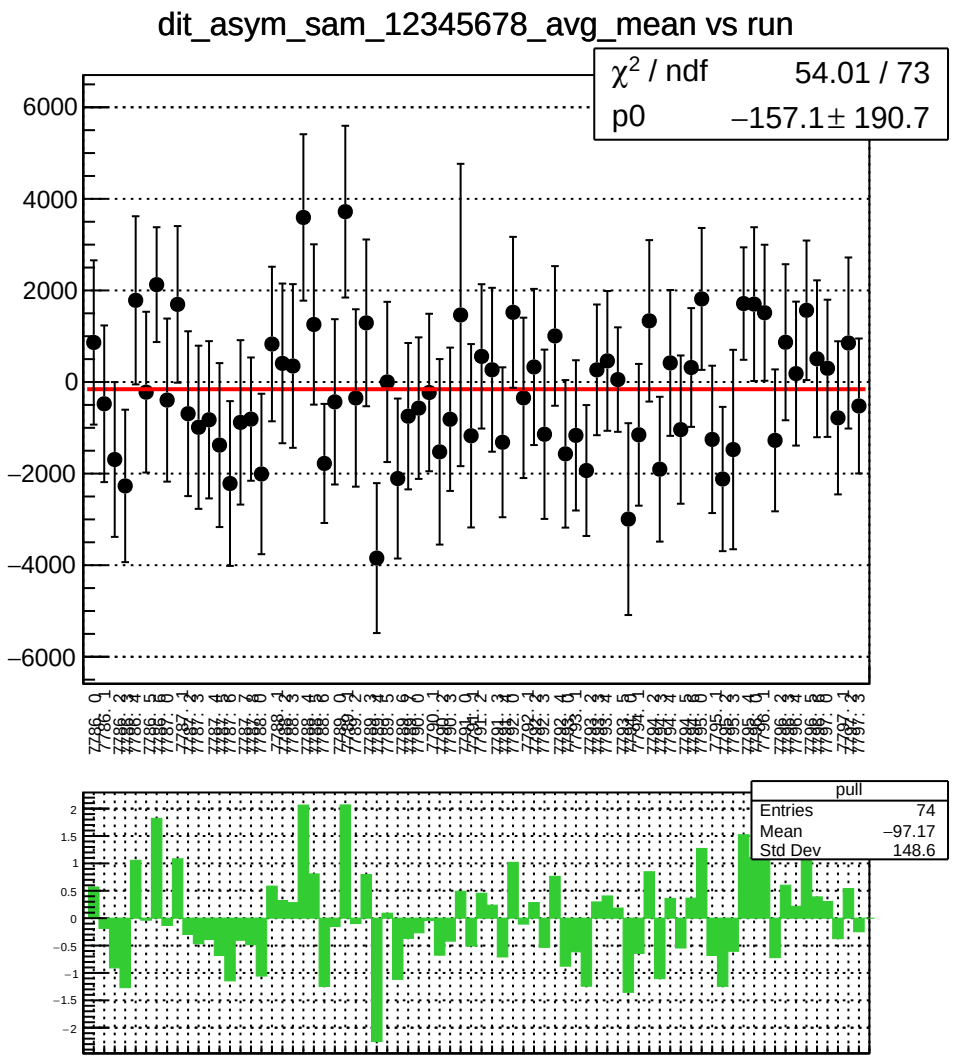

pull1D
Entries 74
Mean 0.0005201
Std Dev 0.9929

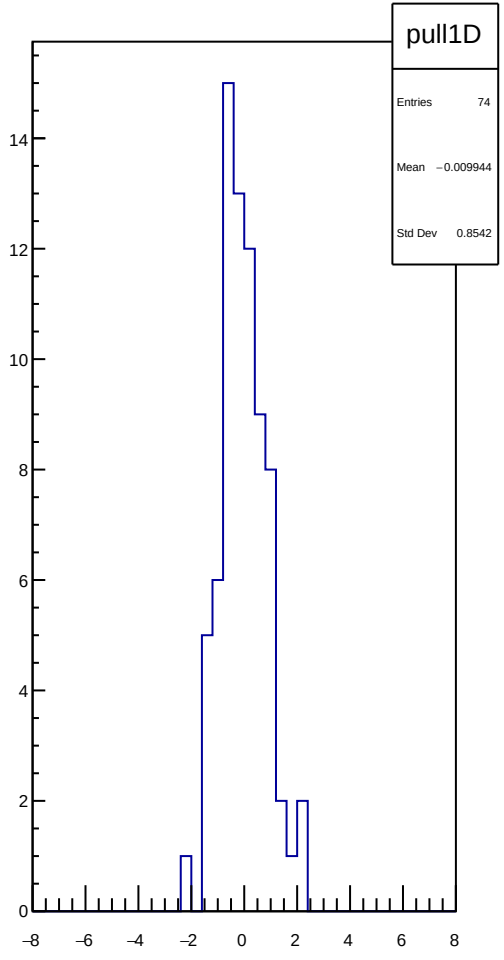

asym_sam_1357_2468_dd_correction_rms vs run
χ² / ndf 2454 / 73
p0 594.5 ± 0.4964
660
640
620
600
580
560
540

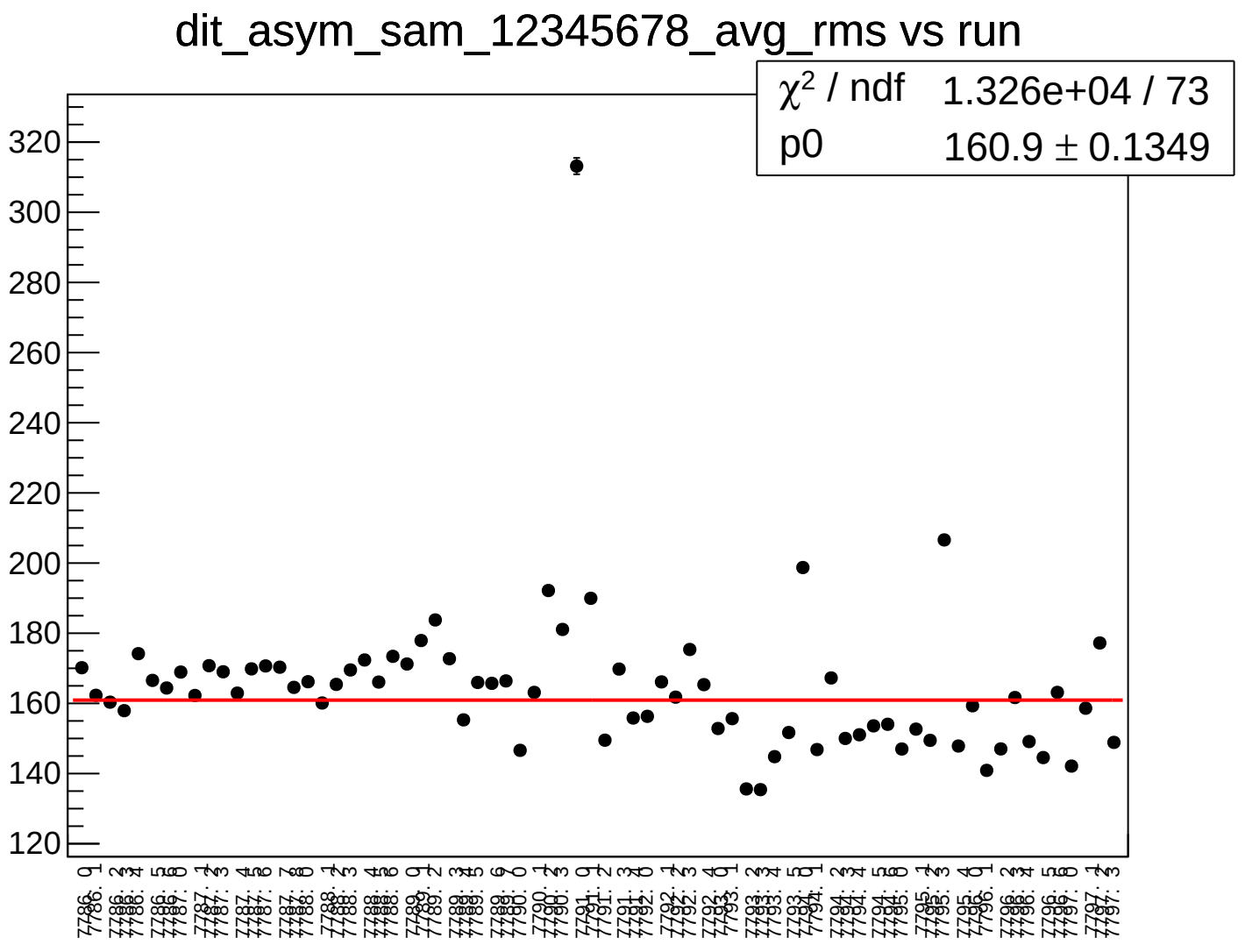

asym_sam_1357_2468_dd_mean vs run
χ² / ndf 69.44 / 73
p0 −1152 ± 700
pull
Entries 74
Mean 219.8
Std Dev 284.7

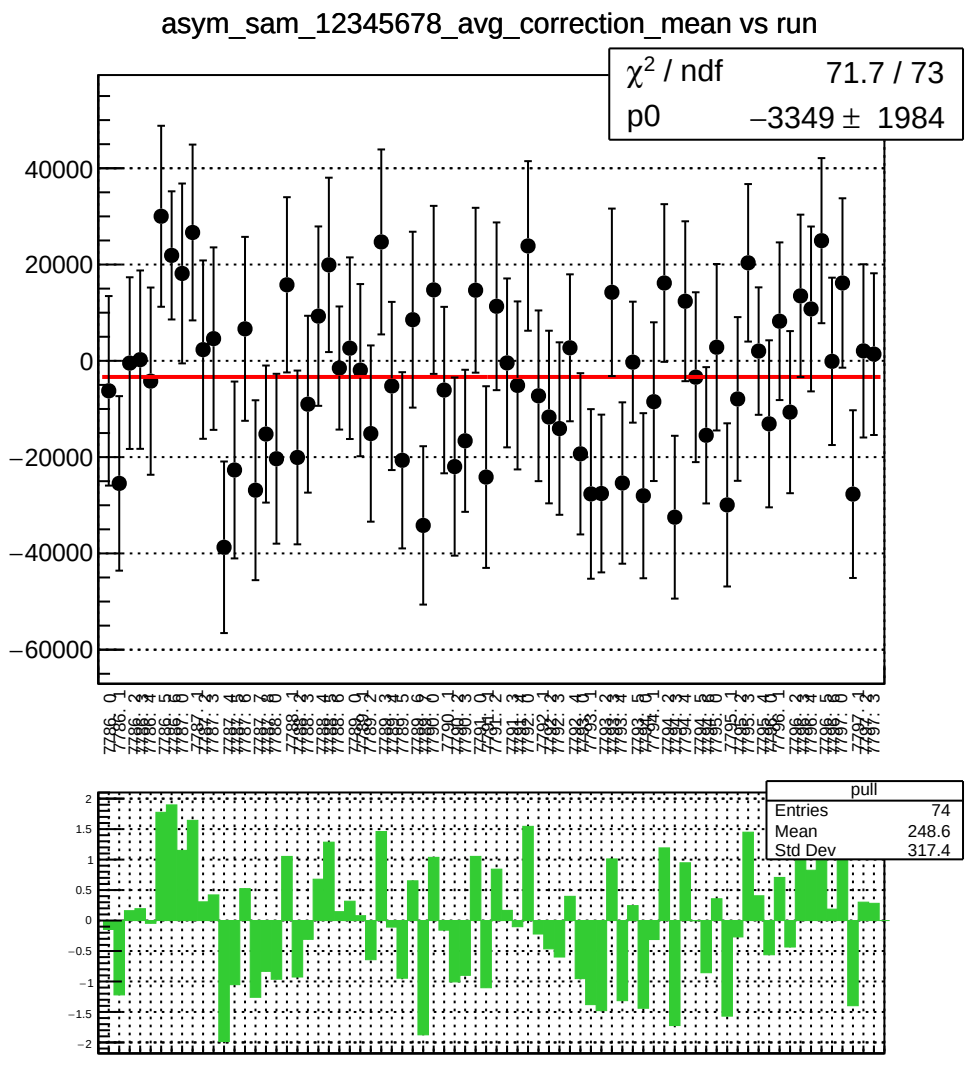

pull1D
Entries 74
Mean −0.001504
Std Dev 0.9687

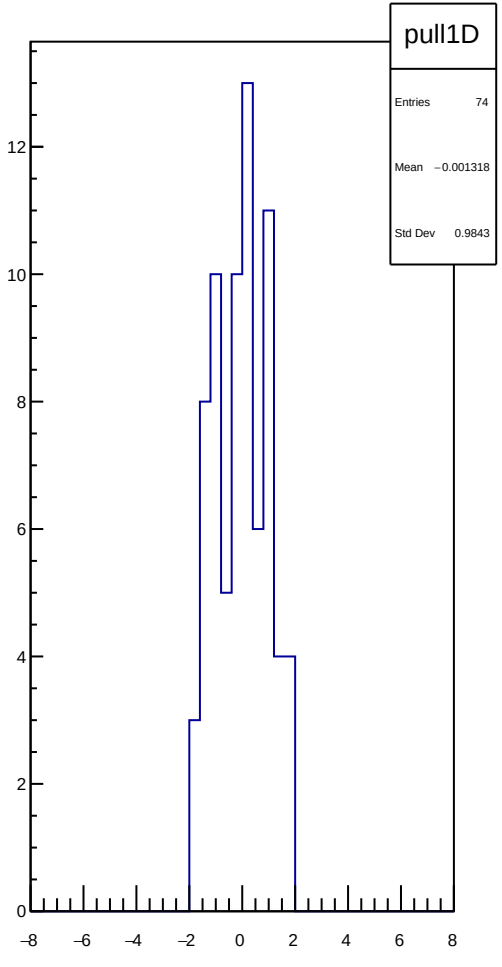

asym_sam_1357_2468_dd_rms vs run
χ² / ndf 2402 / 73
p0 592.9 ± 0.495
660
640
620
600
580
560
540
520

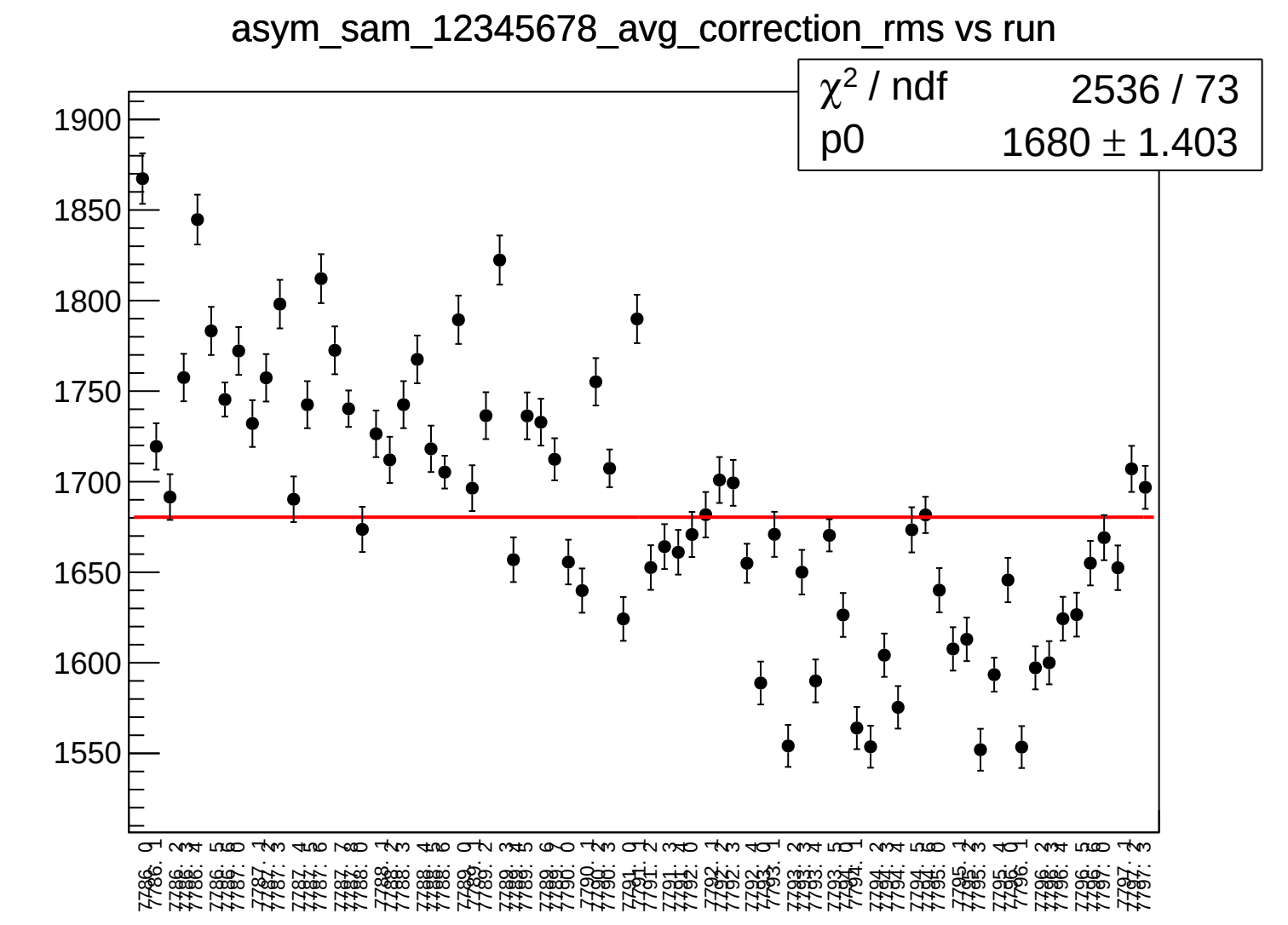

dit_asym_sam_12345678_avg_mean vs run
χ² / ndf 54.01 / 73
p0 −157.1± 190.7
6000
4000
2000
0
−2000
−4000
−6000
pull
Entries 74
Mean −97.17
Std Dev 148.6
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

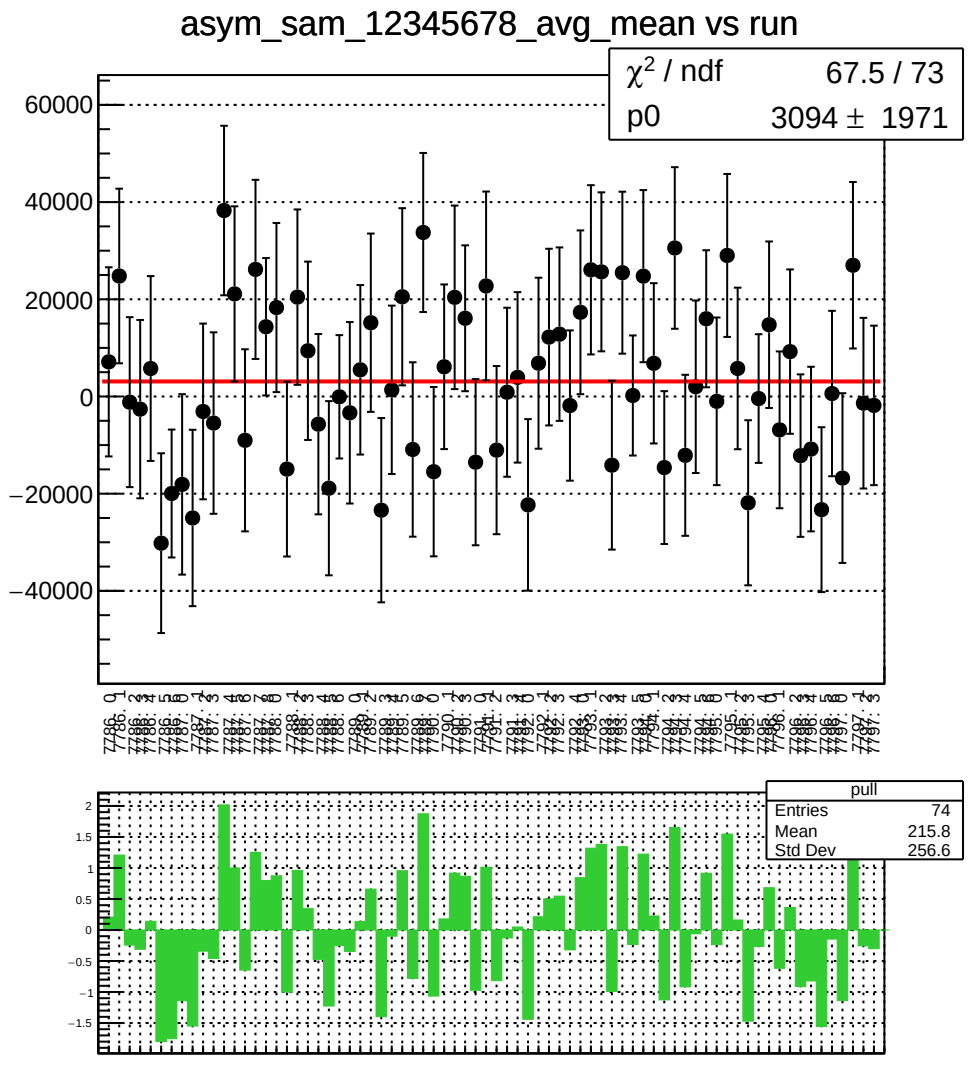

pull1D
Entries 74
Mean −0.009944
Std Dev 0.8542
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

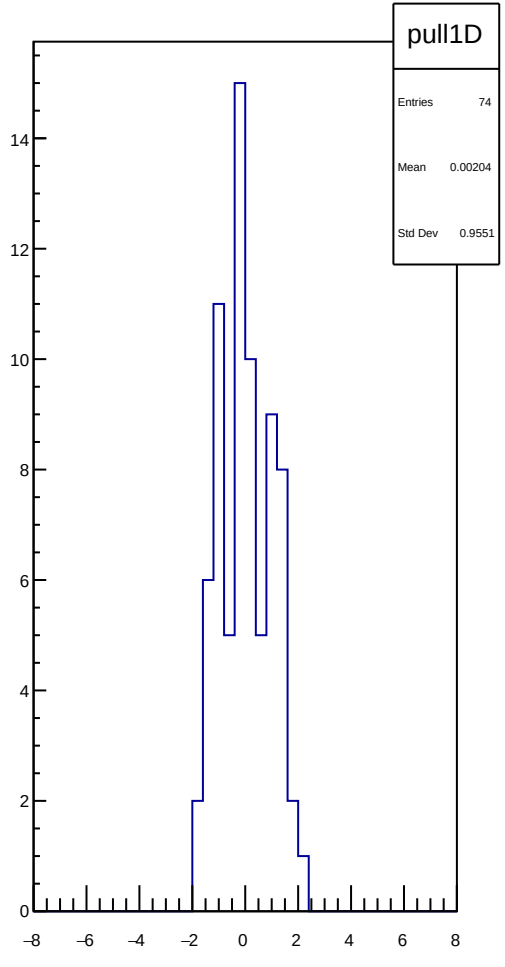

dit_asym_sam_12345678_avg_rms vs run
χ² / ndf 1.326e+04 / 73
p0 160.9 ± 0.1349
320
300
280
260
240
220
200
180
160
140
120

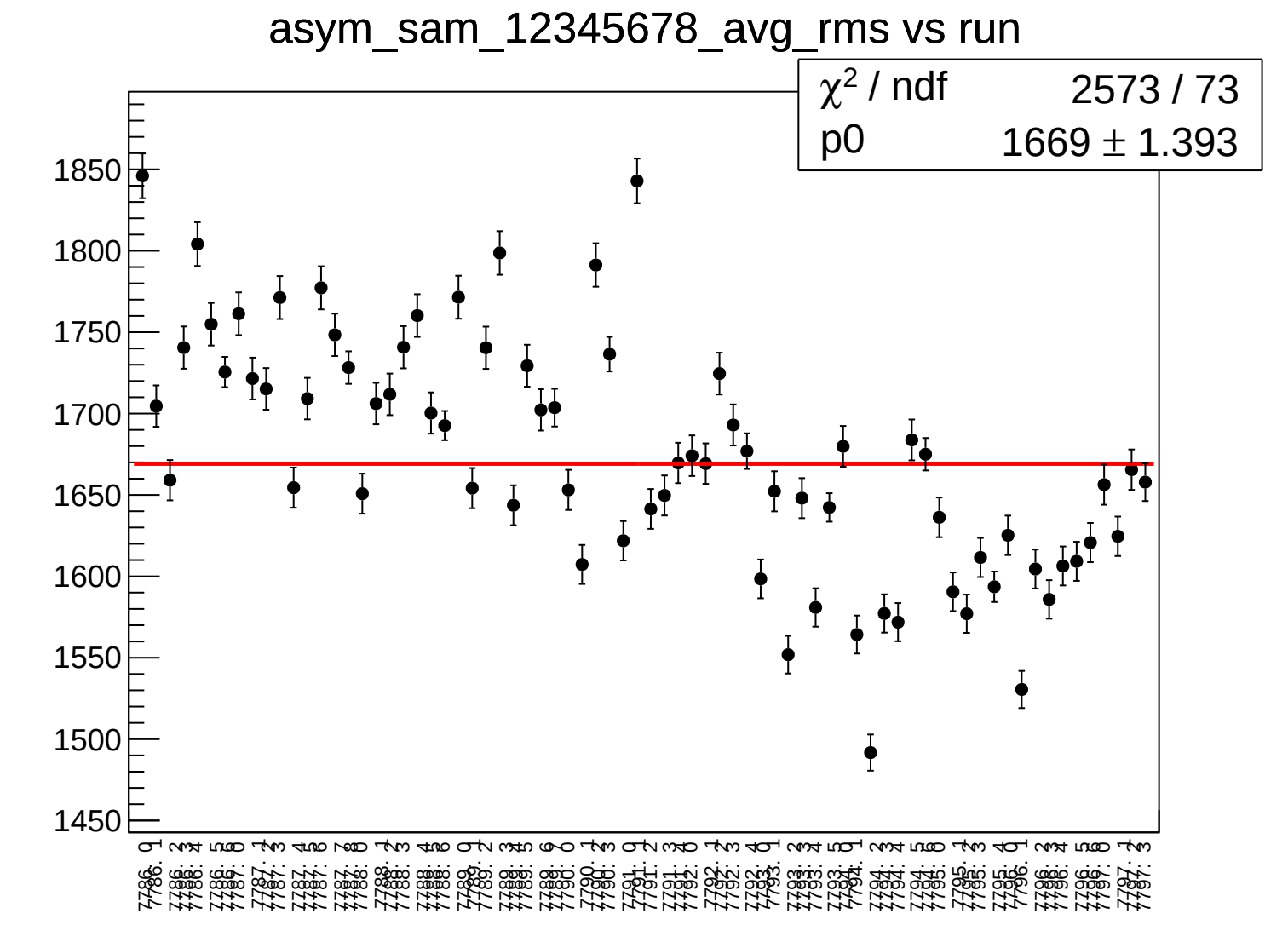

asym_sam_12345678_avg_correction_mean vs run
χ² / ndf 71.7 / 73
p0 −3349 ± 1984
40000
20000
0
−20000
−40000
−60000
pull
Entries 74
Mean 248.6
Std Dev 317.4
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

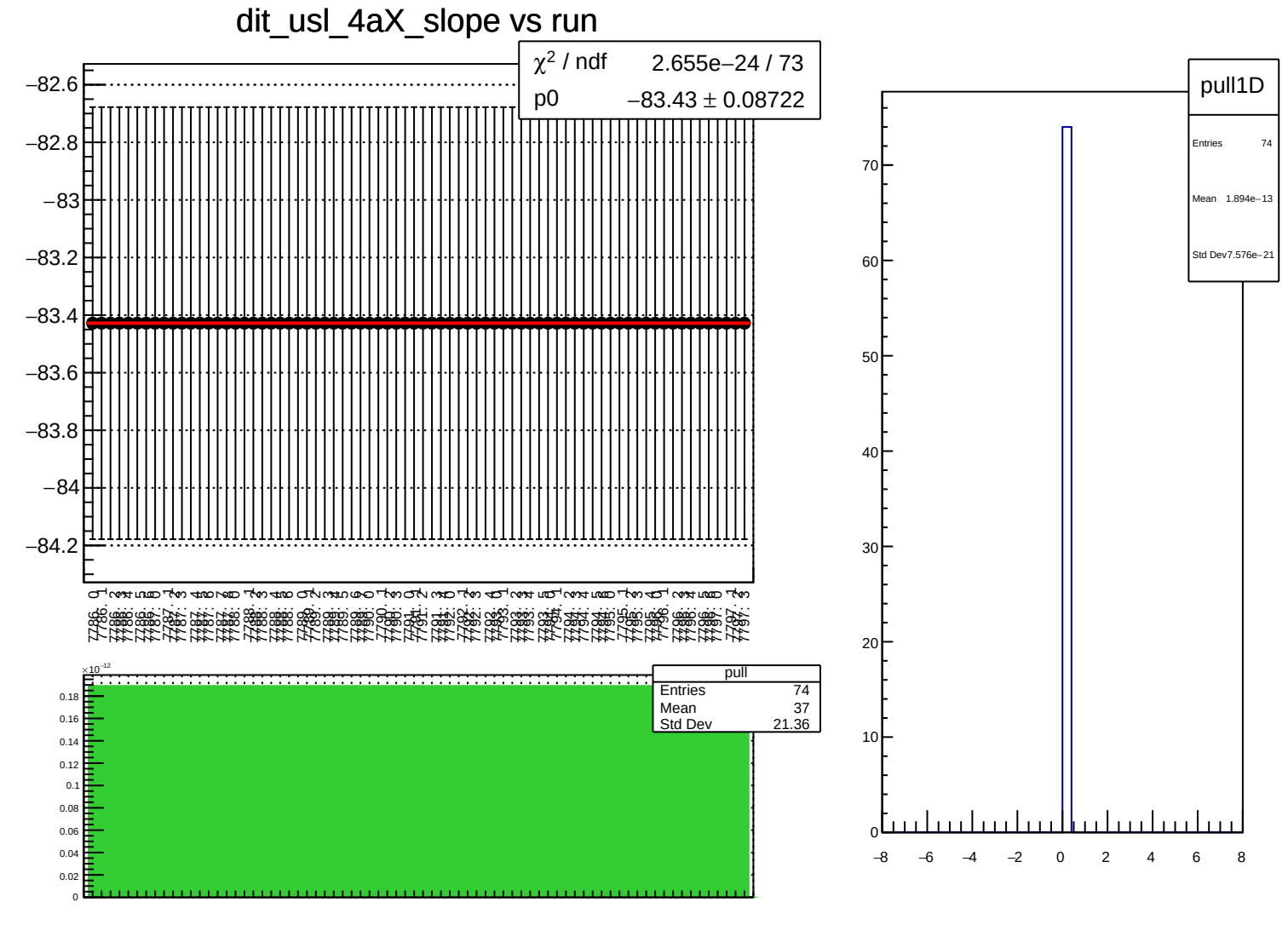

pull1D
Entries 74
Mean −0.001318
Std Dev 0.9843
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

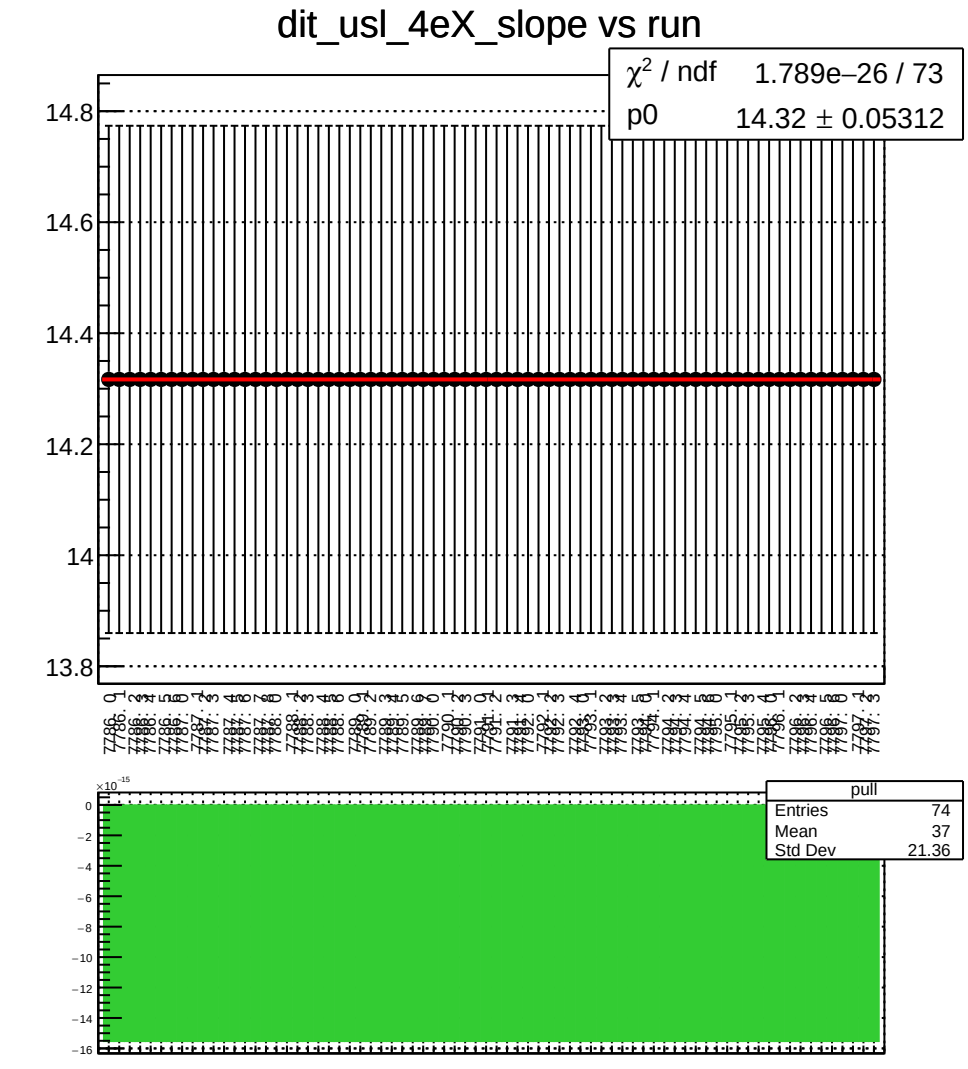

asym_sam_12345678_avg_correction_rms vs run
χ² / ndf 2536 / 73
p0 1680 ± 1.403
1900
1850
1800
1750
1700
1650
1600
1550

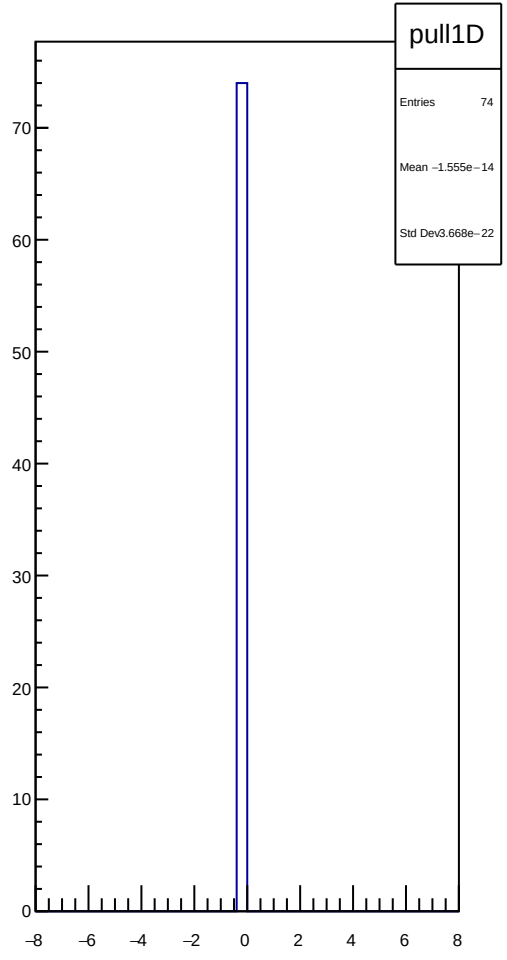

asym_sam_12345678_avg_mean vs run
χ² / ndf 67.5 / 73
p0 3094 ± 1971
pull
Entries 74
Mean 215.8
Std Dev 256.6

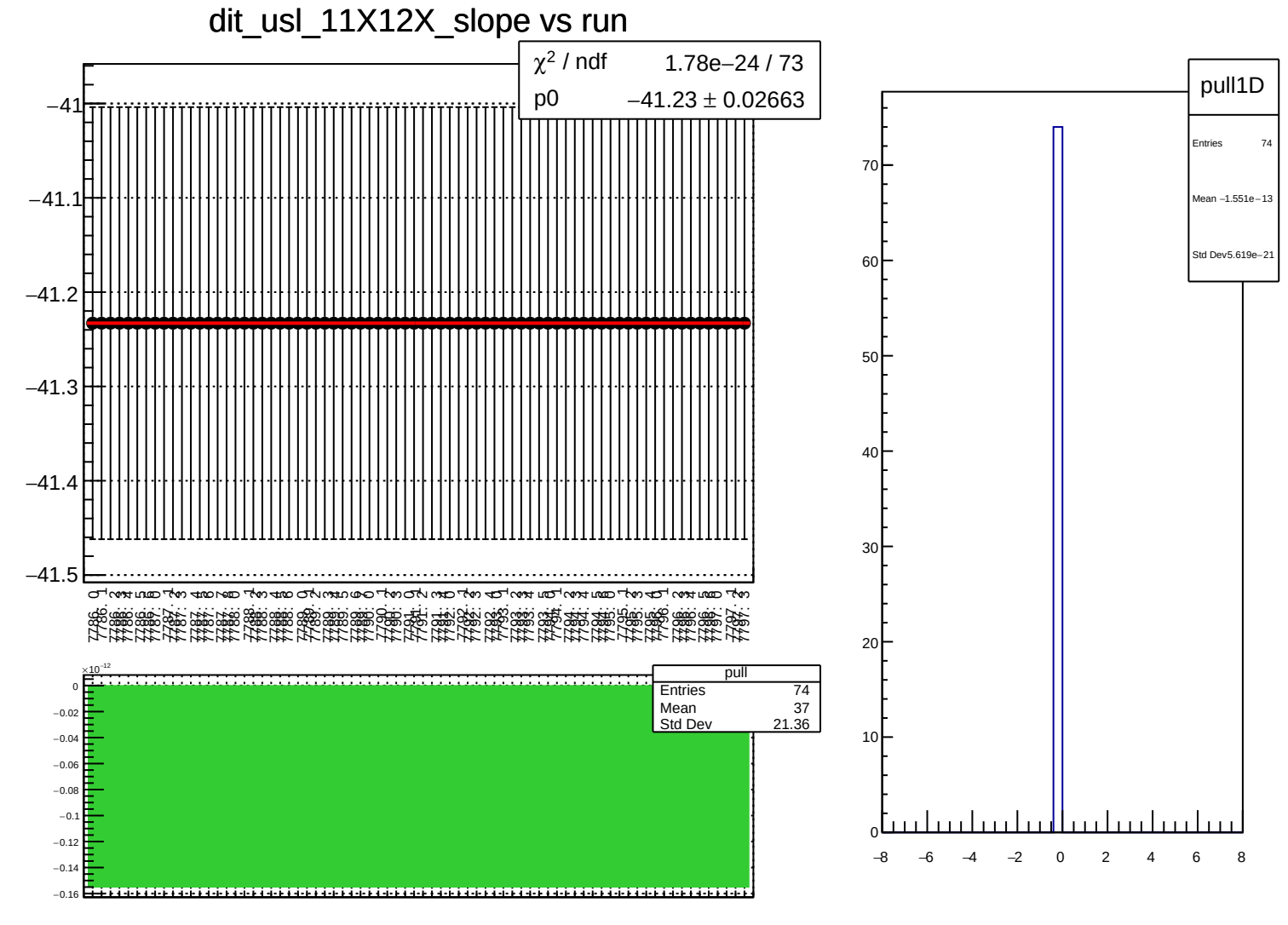

pull1D
Entries 74
Mean 0.00204
Std Dev 0.9551

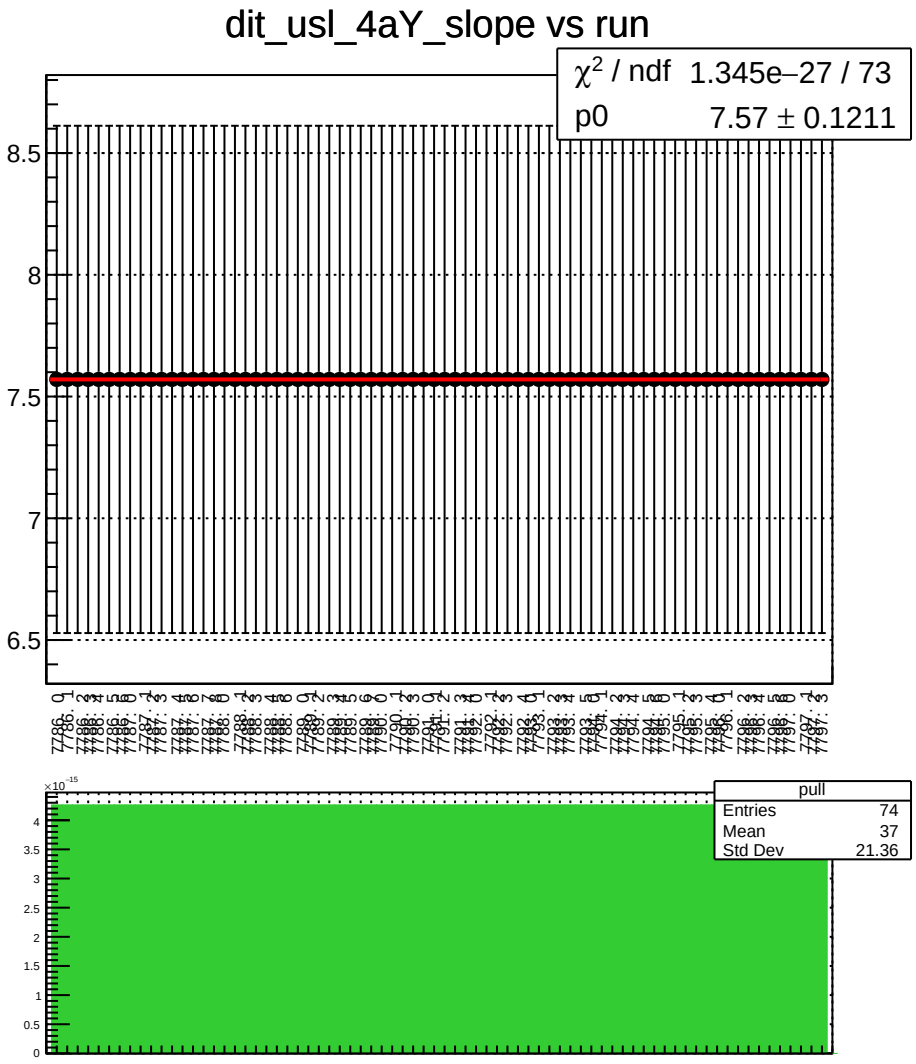

asym_sam_12345678_avg_rms vs run
χ² / ndf 2573 / 73
p0 1669 ± 1.393
1850
1800
1750
1700
1650
1600
1550
1500
1450

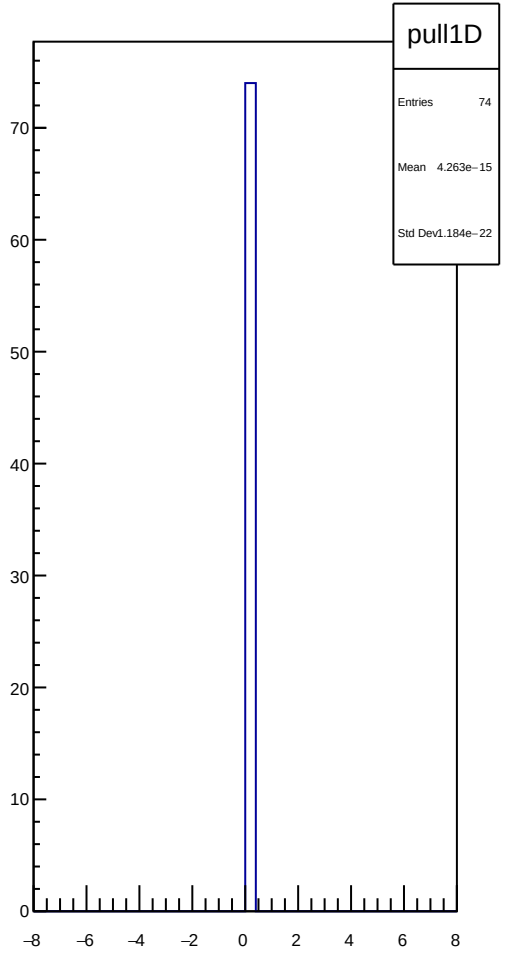

dit_usl_4aX_slope vs run
χ² / ndf 2.655e−24 / 73
p0 −83.43 ± 0.08722
−82.6
−82.8
−83
−83.2
−83.4
−83.6
−83.8
−84
−84.2
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
pull1D
Entries 74
Mean 1.894e−13
Std Dev7.576e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

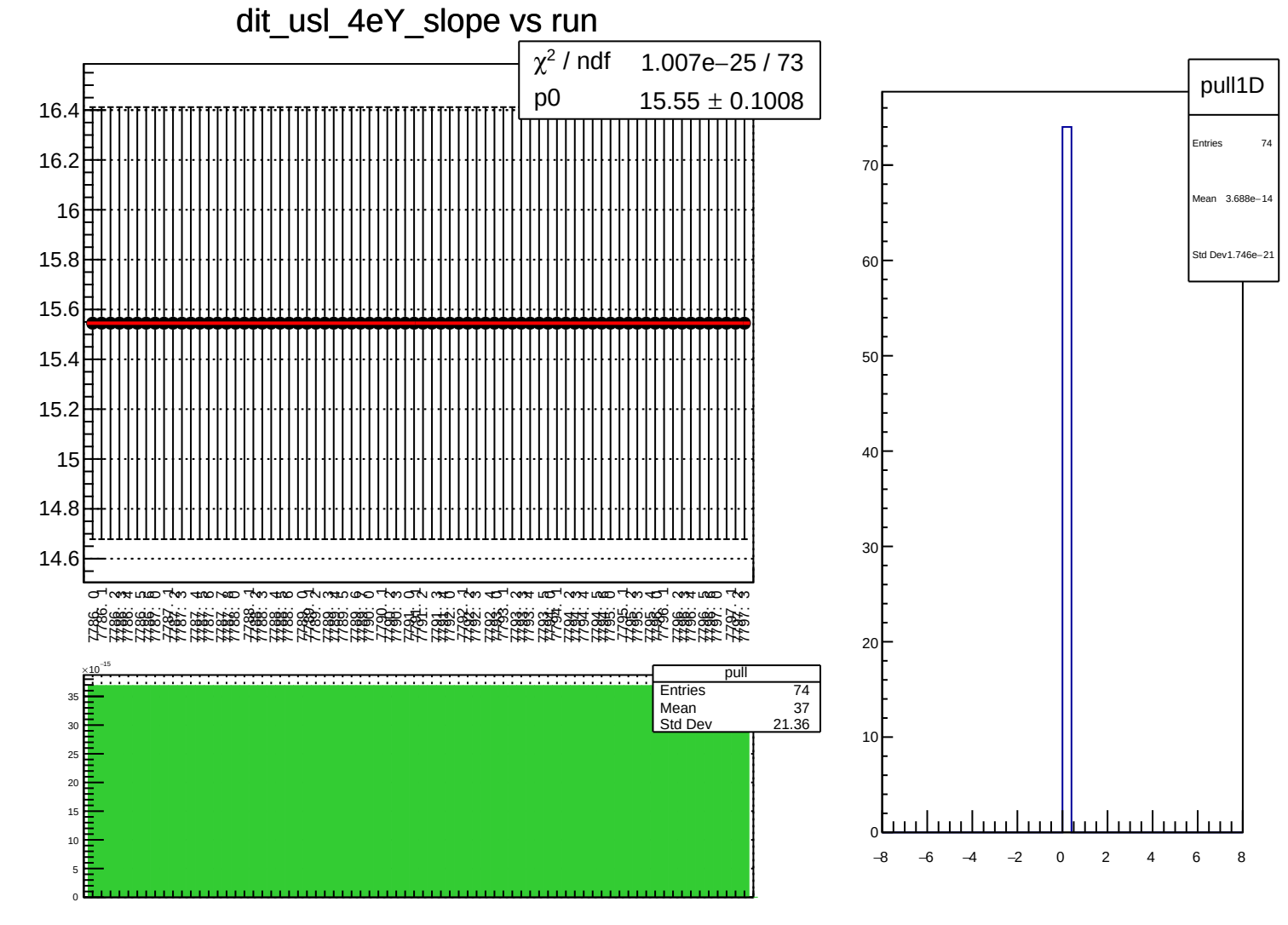

dit_usl_4eX_slope vs run
χ² / ndf 1.789e−26 / 73
p0 14.32 ± 0.05312
14.8
14.6
14.4
14.2
14
13.8
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
−16

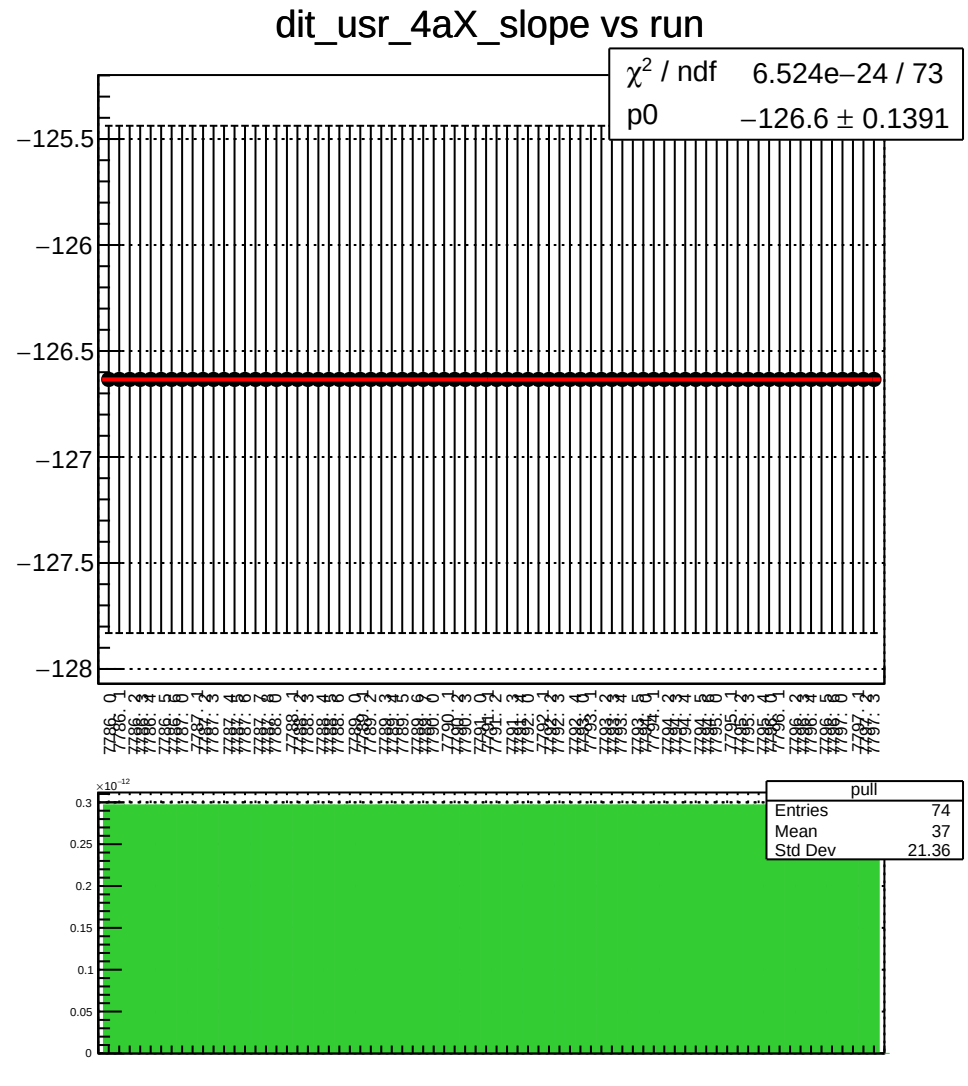

pull1D
Entries 74
Mean −1.555e−14
Std Dev 3.668e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

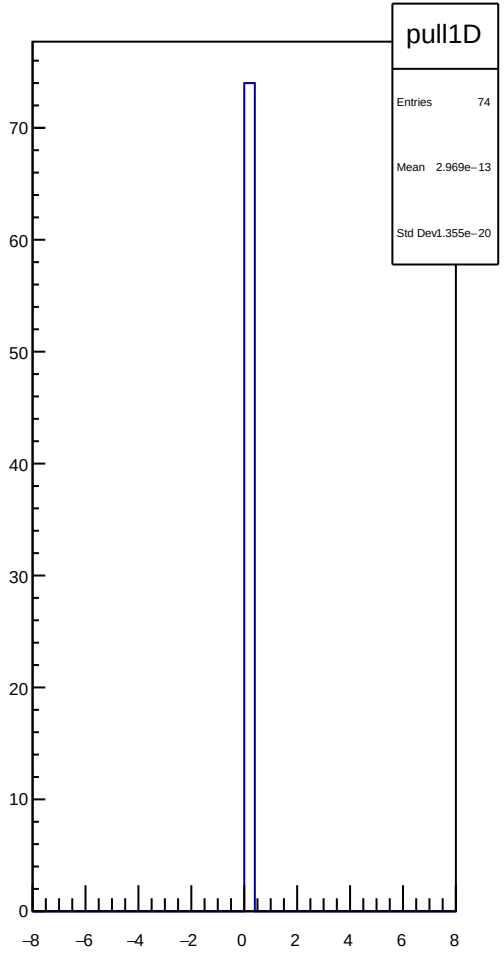

dit_usl_11X12X_slope vs run
χ² / ndf 1.78e−24 / 73
p0 −41.23 ± 0.02663
−41
−41.1
−41.2
−41.3
−41.4
−41.5
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
−0.12
−0.14
−0.16
pull1D
Entries 74
Mean −1.551e−13
Std Dev5.619e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

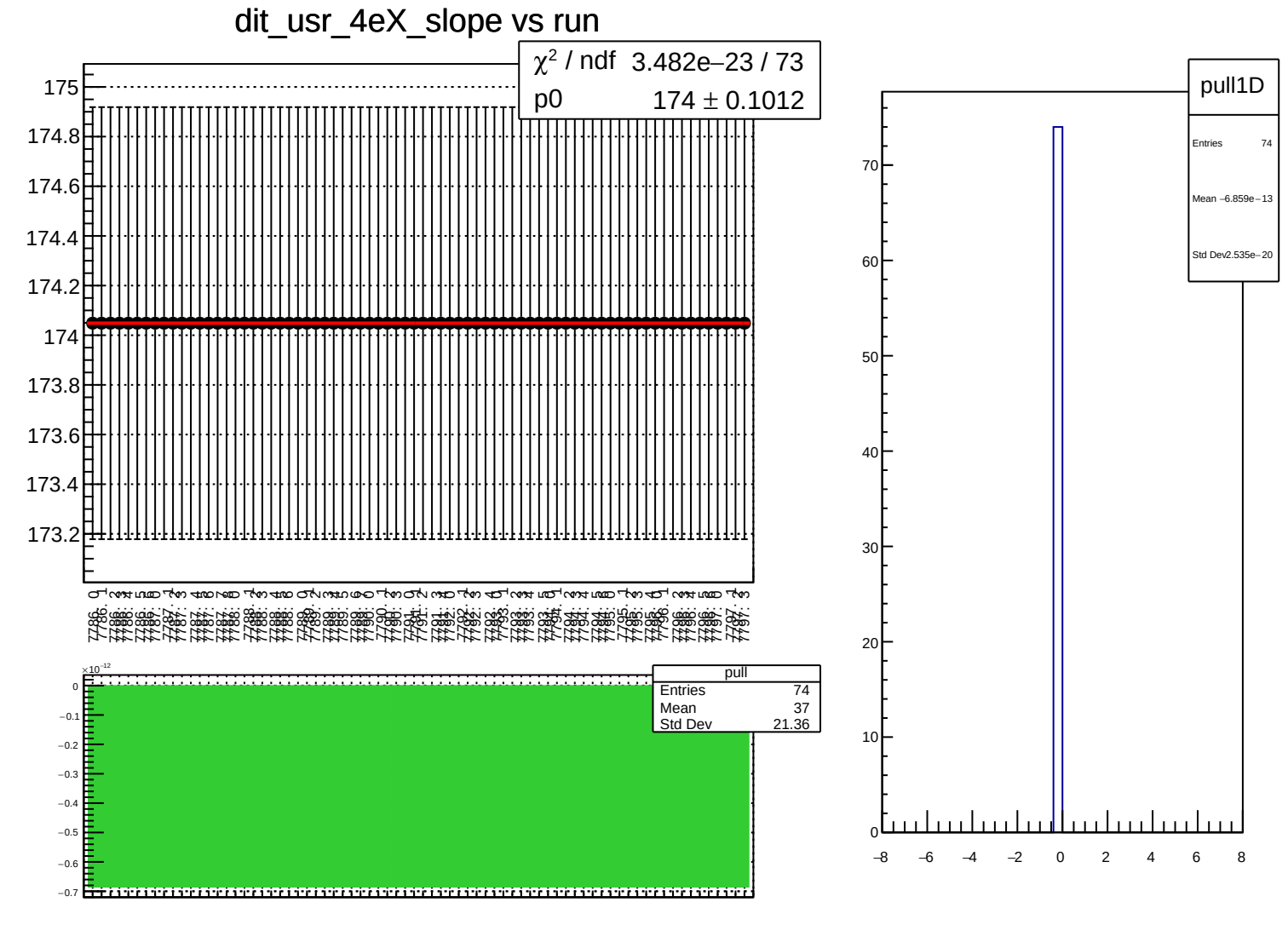

dit_usl_4aY_slope vs run
$\chi^2$ / ndf 1.345e−27 / 73
p0 7.57 ± 0.1211
8.5
8
7.5
7
6.5
pull
Entries 74
Mean 37
Std Dev 21.36
×10^-15
4
3.5
3
2.5
2
1.5
1
0.5
0

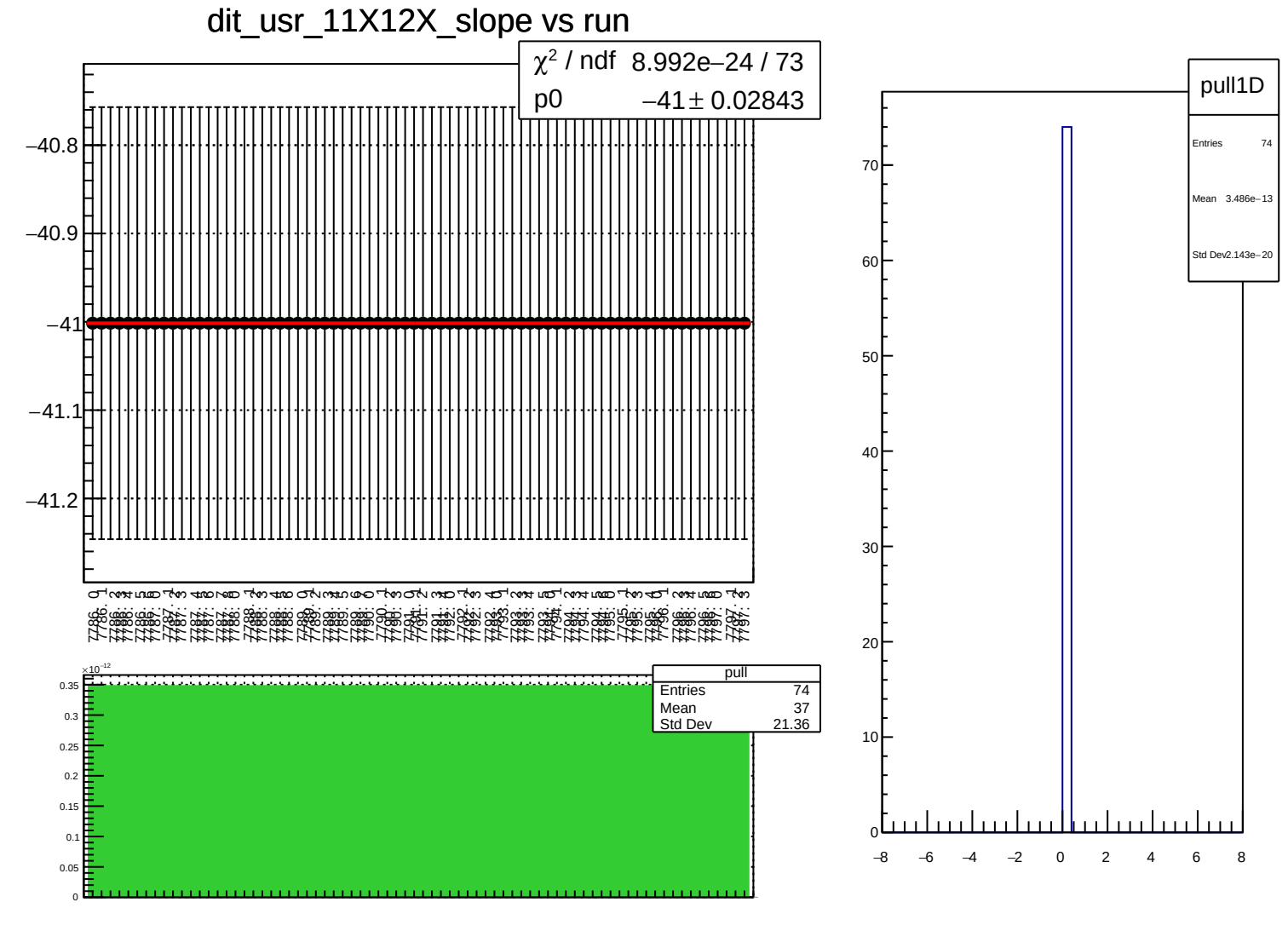

pull1D
Entries 74
Mean 4.263e−15
Std Dev1.184e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

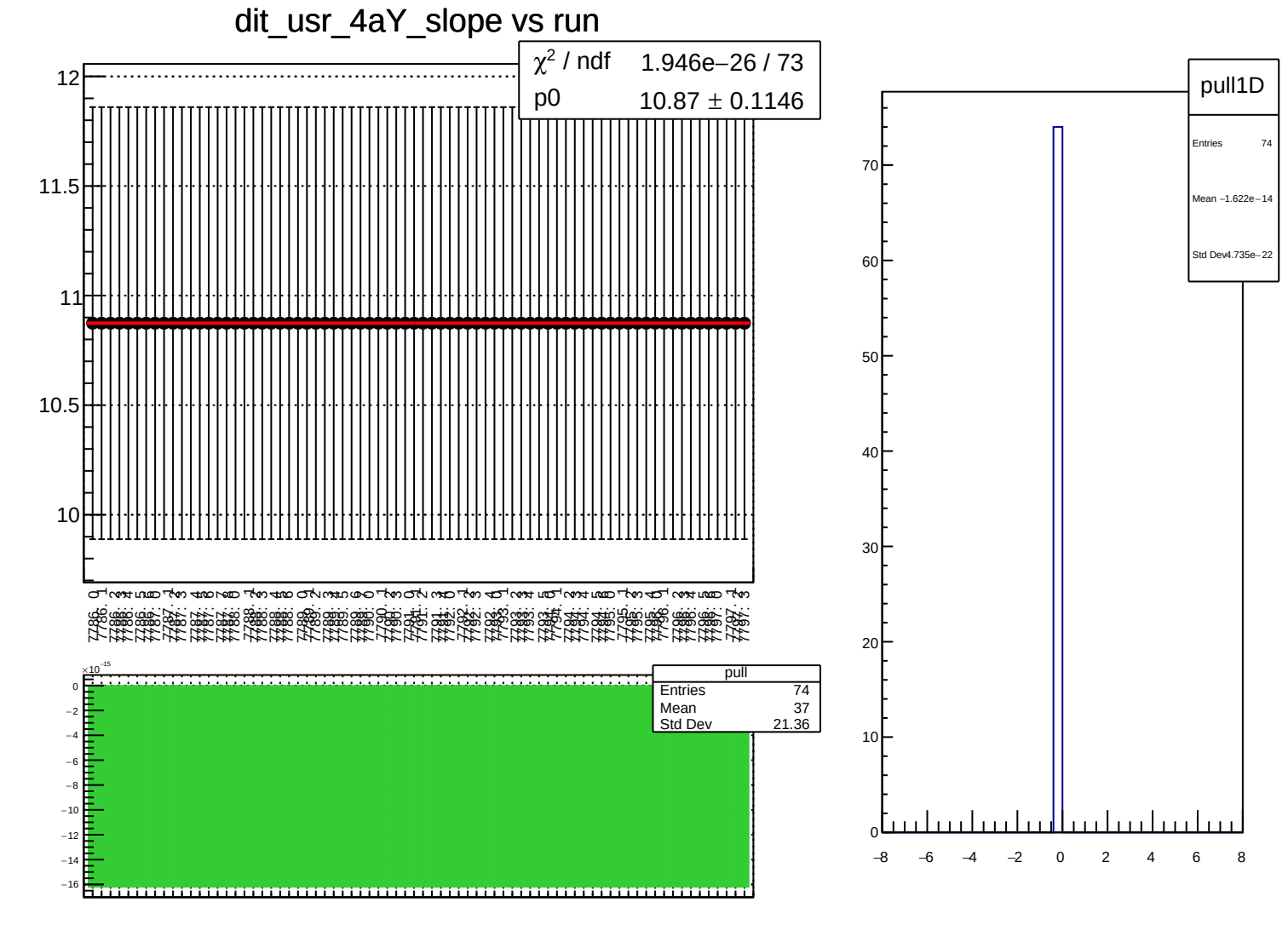

dit_usl_4eY_slope vs run
χ² / ndf 1.007e−25 / 73
p0 15.55 ± 0.1008
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean 3.688e−14
Std Dev1.746e−21

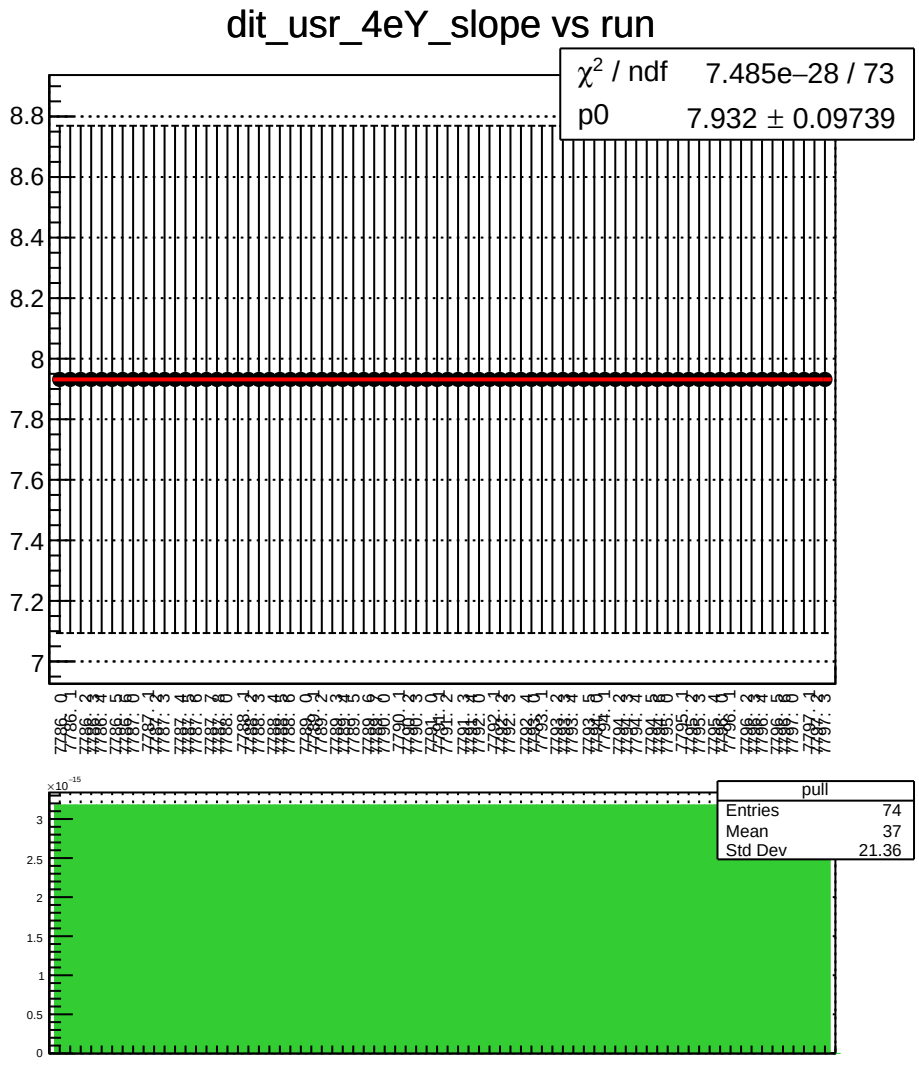

dit_usr_4aX_slope vs run
χ² / ndf 6.524e−24 / 73
p0 −126.6 ± 0.1391
−125.5
−126
−126.5
−127
−127.5
−128
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0.3
0.25
0.2
0.15
0.1
0.05
0

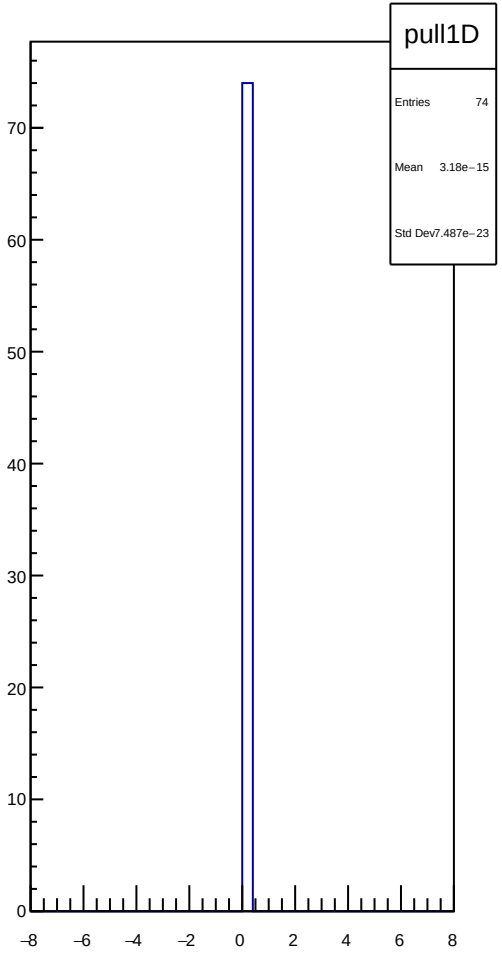

pull1D
Entries 74
Mean 2.969e−13
Std Dev1.355e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

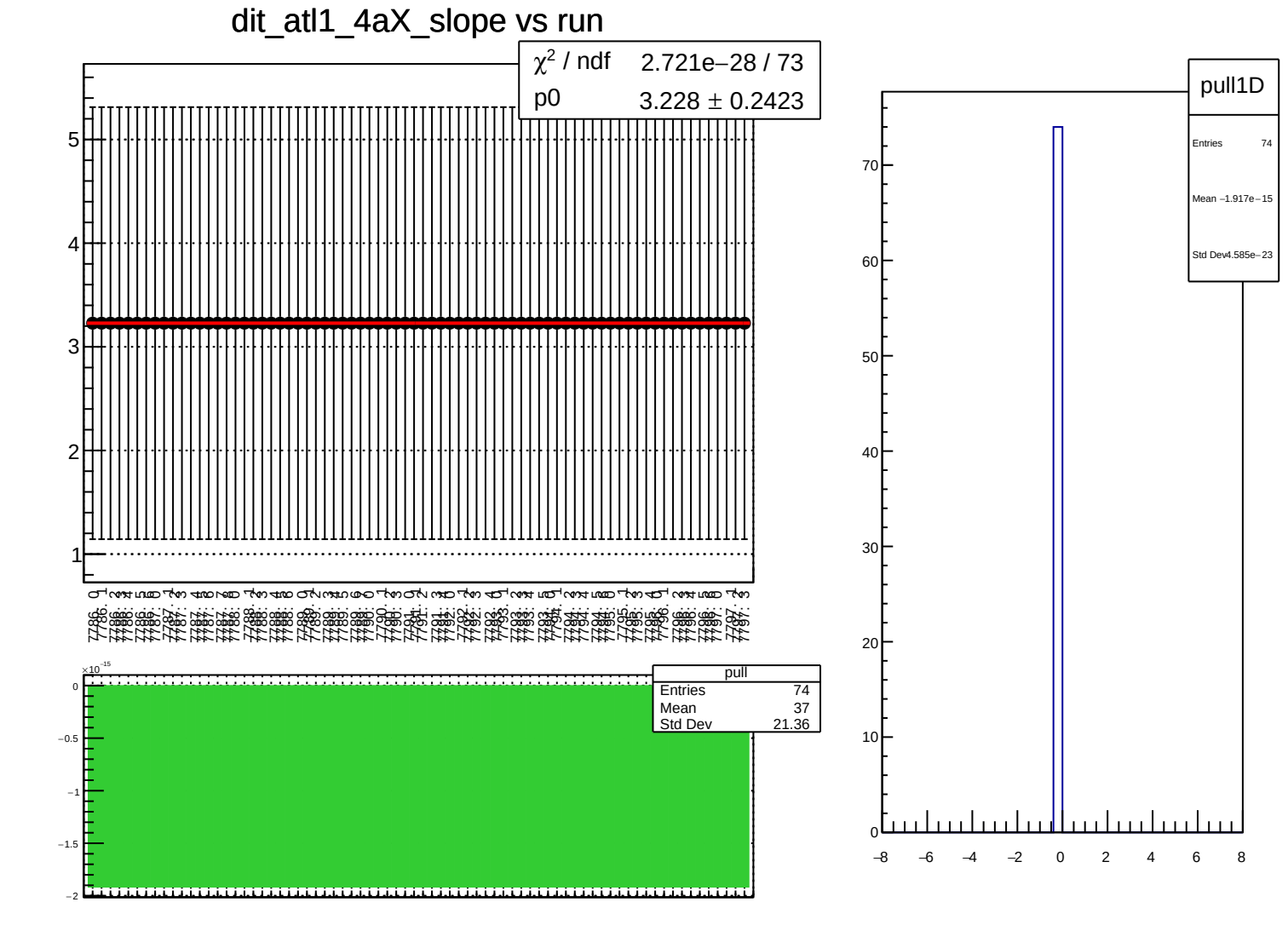

dit_usr_4eX_slope vs run
χ² / ndf 3.482e−23 / 73
p0 174 ± 0.1012
175
174.8
174.6
174.4
174.2
174
173.8
173.6
173.4
173.2
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
pull1D
Entries 74
Mean −6.859e−13
Std Dev 2.535e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

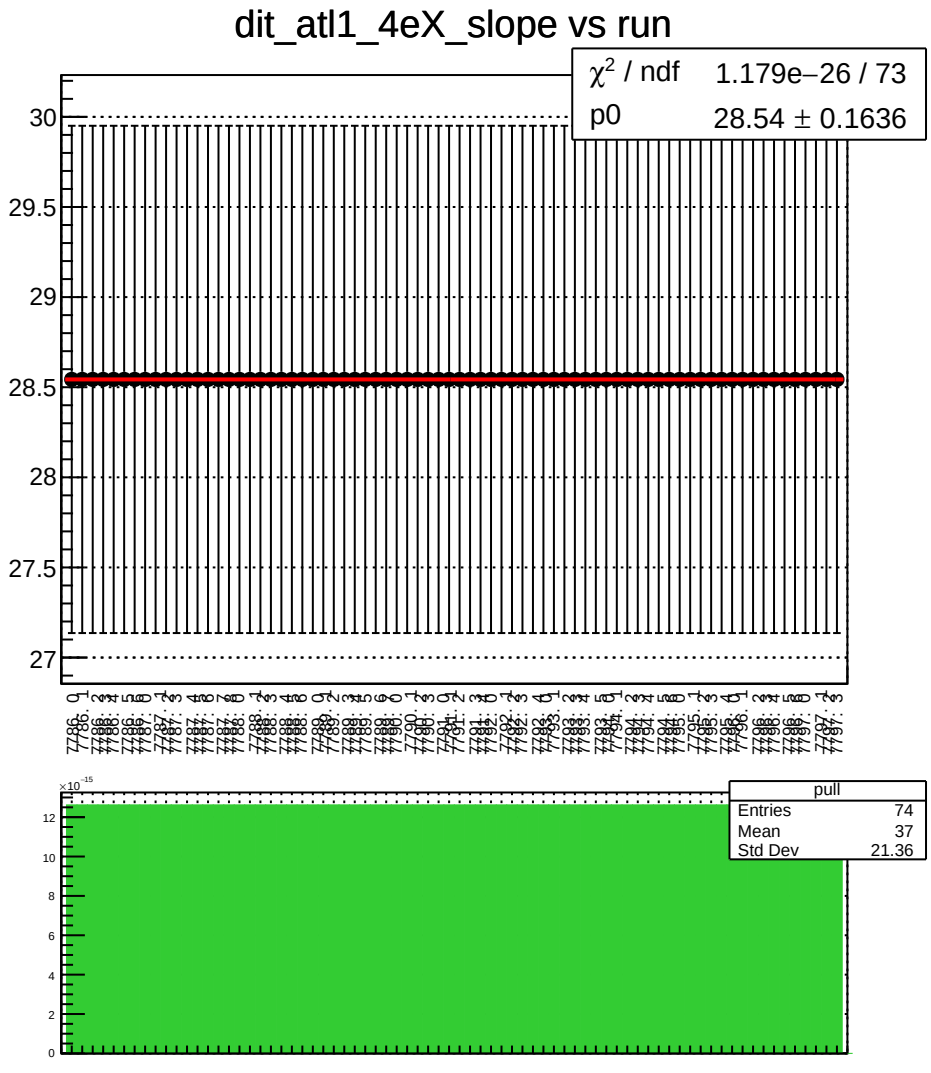

dit_usr_11X12X_slope vs run
χ² / ndf 8.992e−24 / 73
p0 −41 ± 0.02843
−40.8
−40.9
−41
−41.1
−41.2
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
pull1D
Entries 74
Mean 3.486e−13
Std Dev 2.143e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

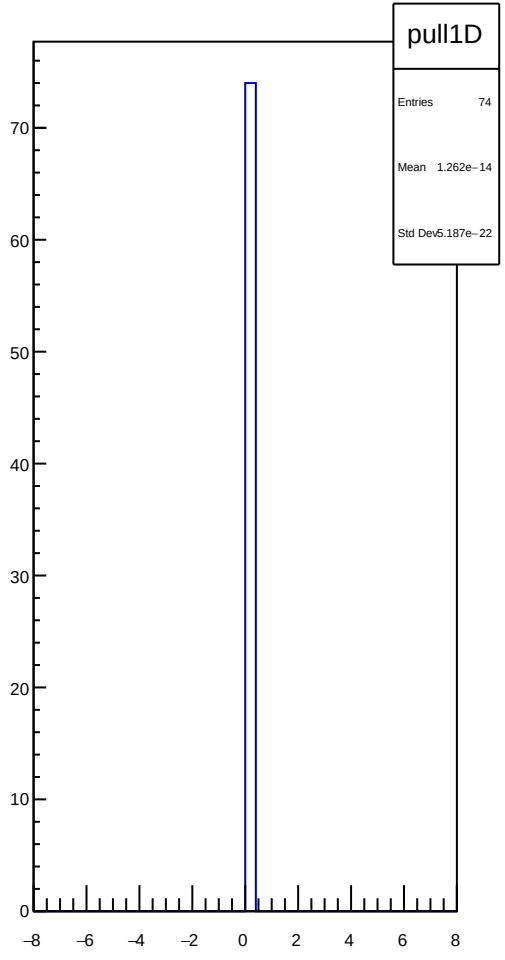

dit_usr_4aY_slope vs run
χ² / ndf 1.946e−26 / 73
p0 10.87 ± 0.1146
12
11.5
11
10.5
10
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean −1.622e−14
Std Dev 4.735e−22

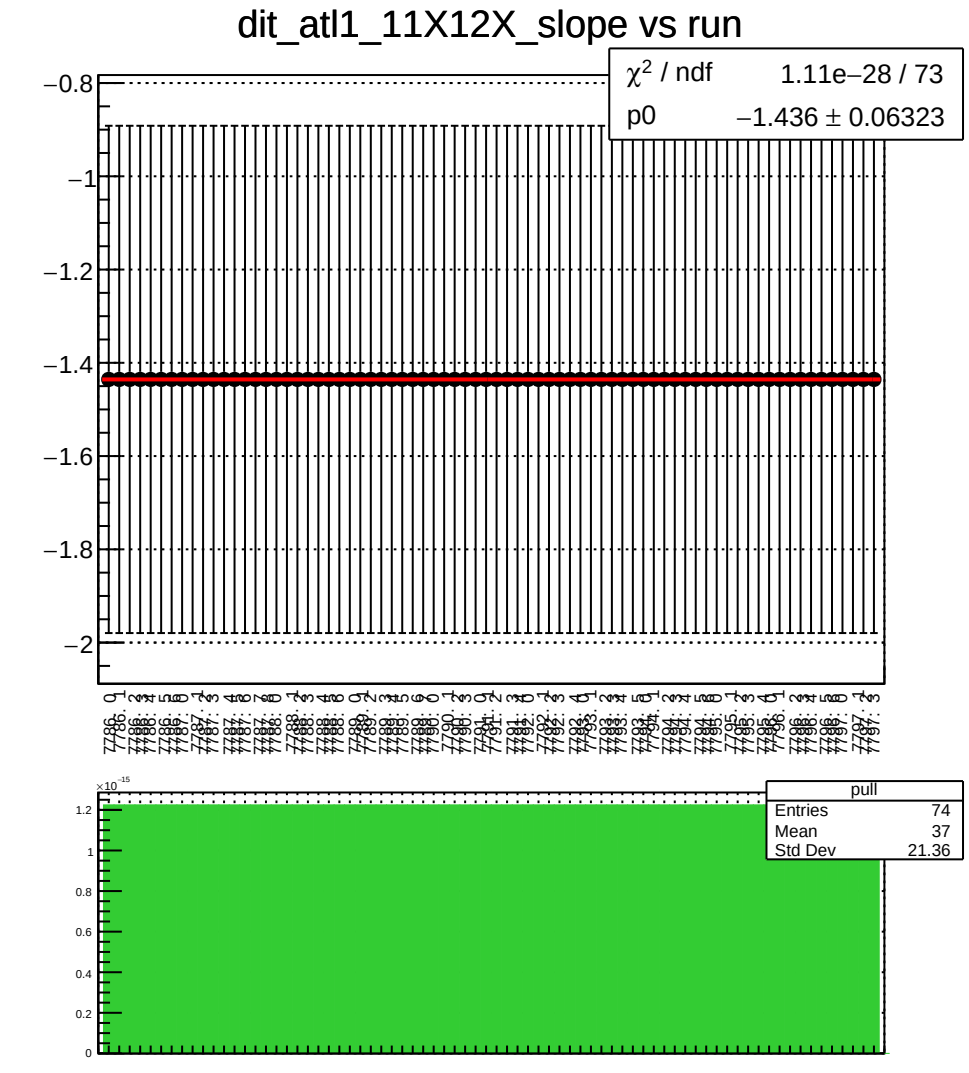

dit_usr_4eY_slope vs run
χ² / ndf 7.485e−28 / 73
p0 7.932 ± 0.09739
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵

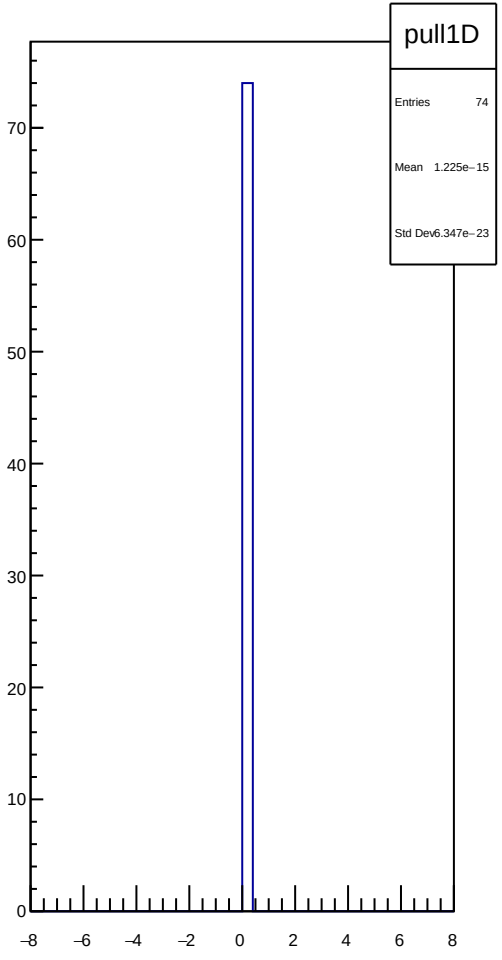

pull1D
Entries 74
Mean 3.18e−15
Std Dev 7.487e−23

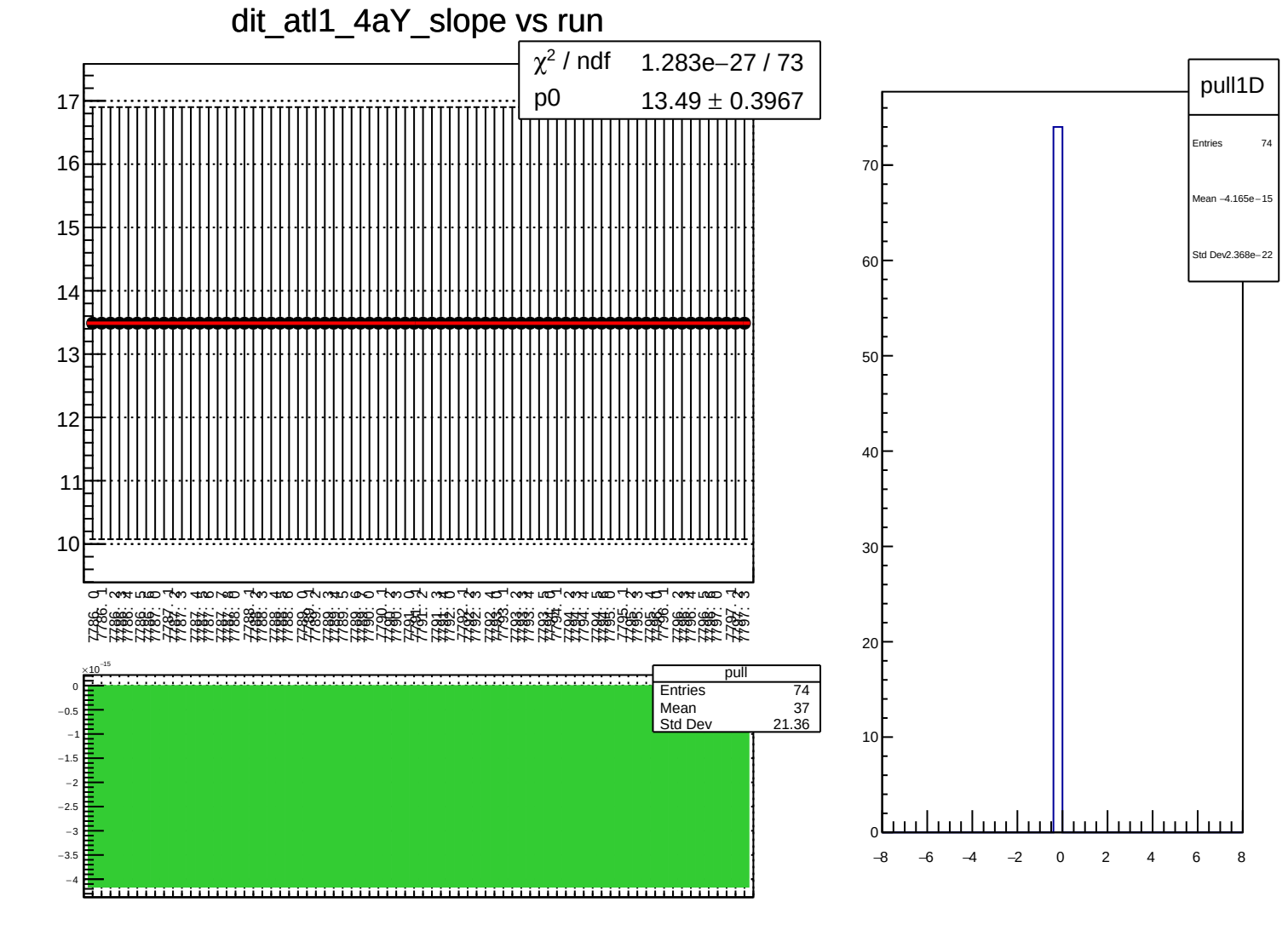

dit_atl1_4aX_slope vs run
$\chi^2$ / ndf 2.721e−28 / 73
p0 3.228 ± 0.2423
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean −1.917e−15
Std Dev 4.585e−23

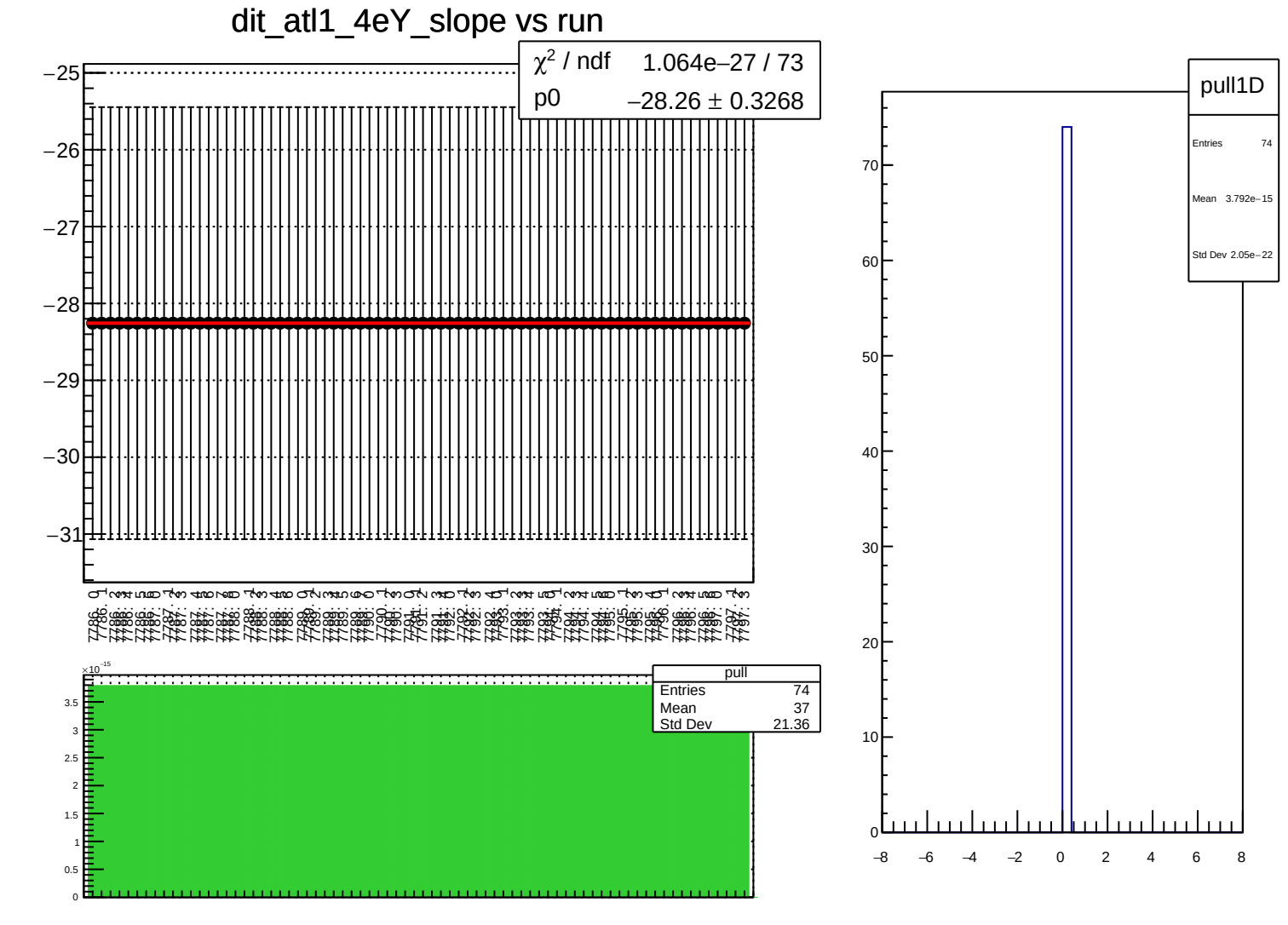

dit_atl1_4eX_slope vs run
$\chi^2$ / ndf 1.179e−26 / 73
p0 28.54 ± 0.1636
30
29.5
29
28.5
28
27.5
27
pull
Entries 74
Mean 37
Std Dev 21.36
×10^-15
12
10
8
6
4
2
0

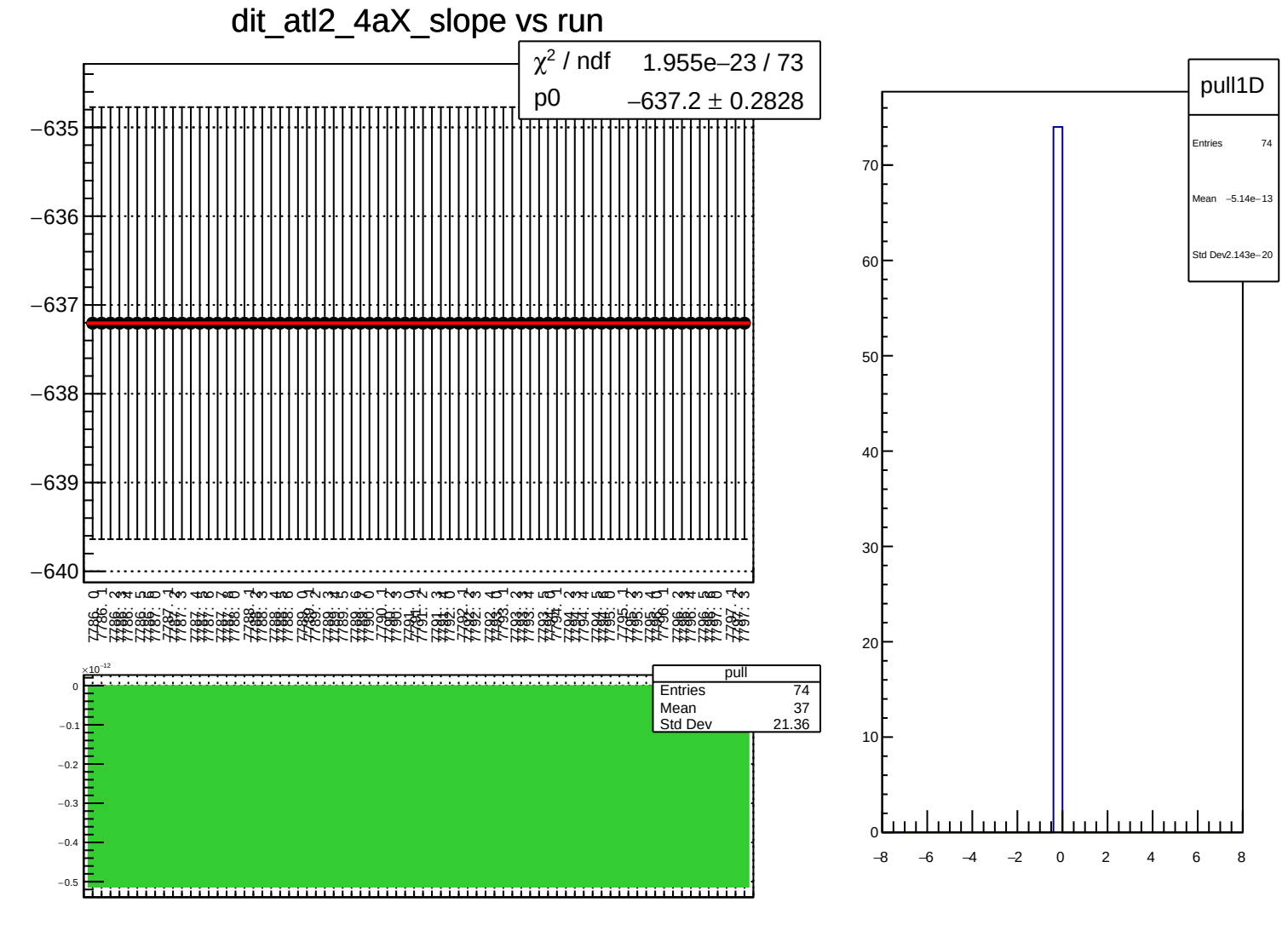

pull1D
Entries 74
Mean 1.262e−14
Std Dev 5.187e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

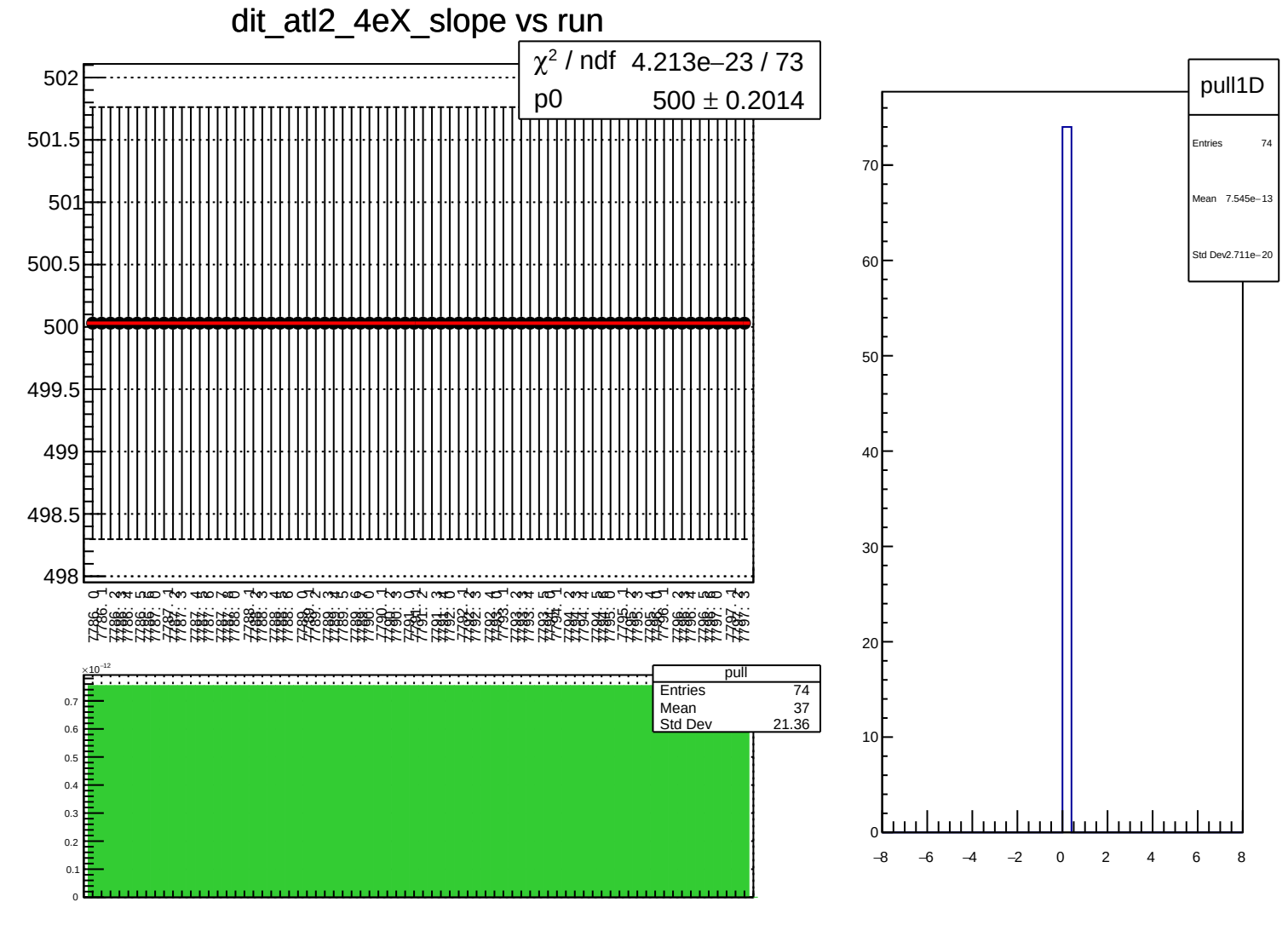

dit_atl1_11X12X_slope vs run
χ² / ndf 1.11e−28 / 73
p0 −1.436 ± 0.06323
−0.8
−1
−1.2
−1.4
−1.6
−1.8
−2
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
1.2
1
0.8
0.6
0.4
0.2
0

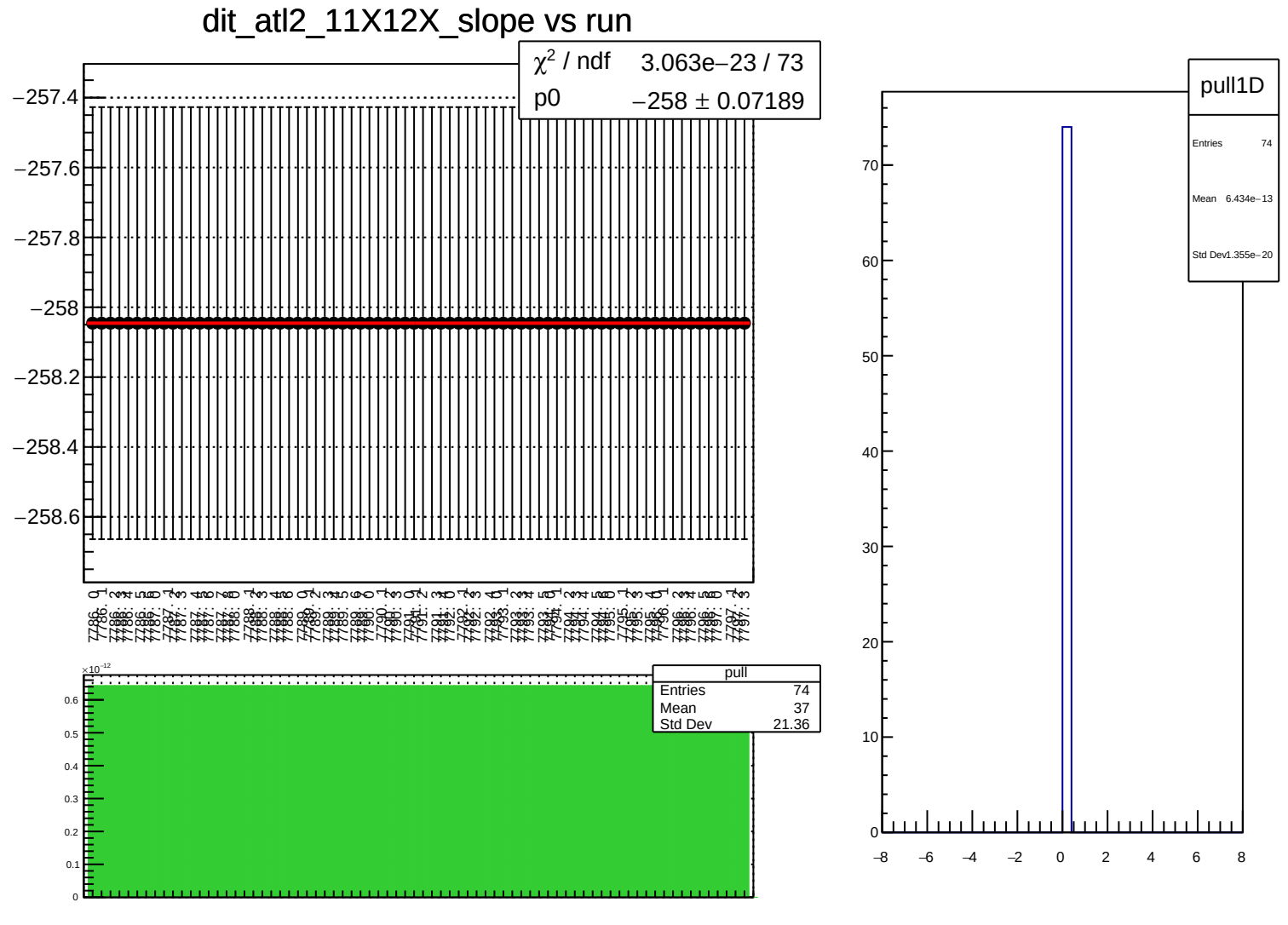

pull1D
Entries 74
Mean 1.225e−15
Std Dev 6.347e−23
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

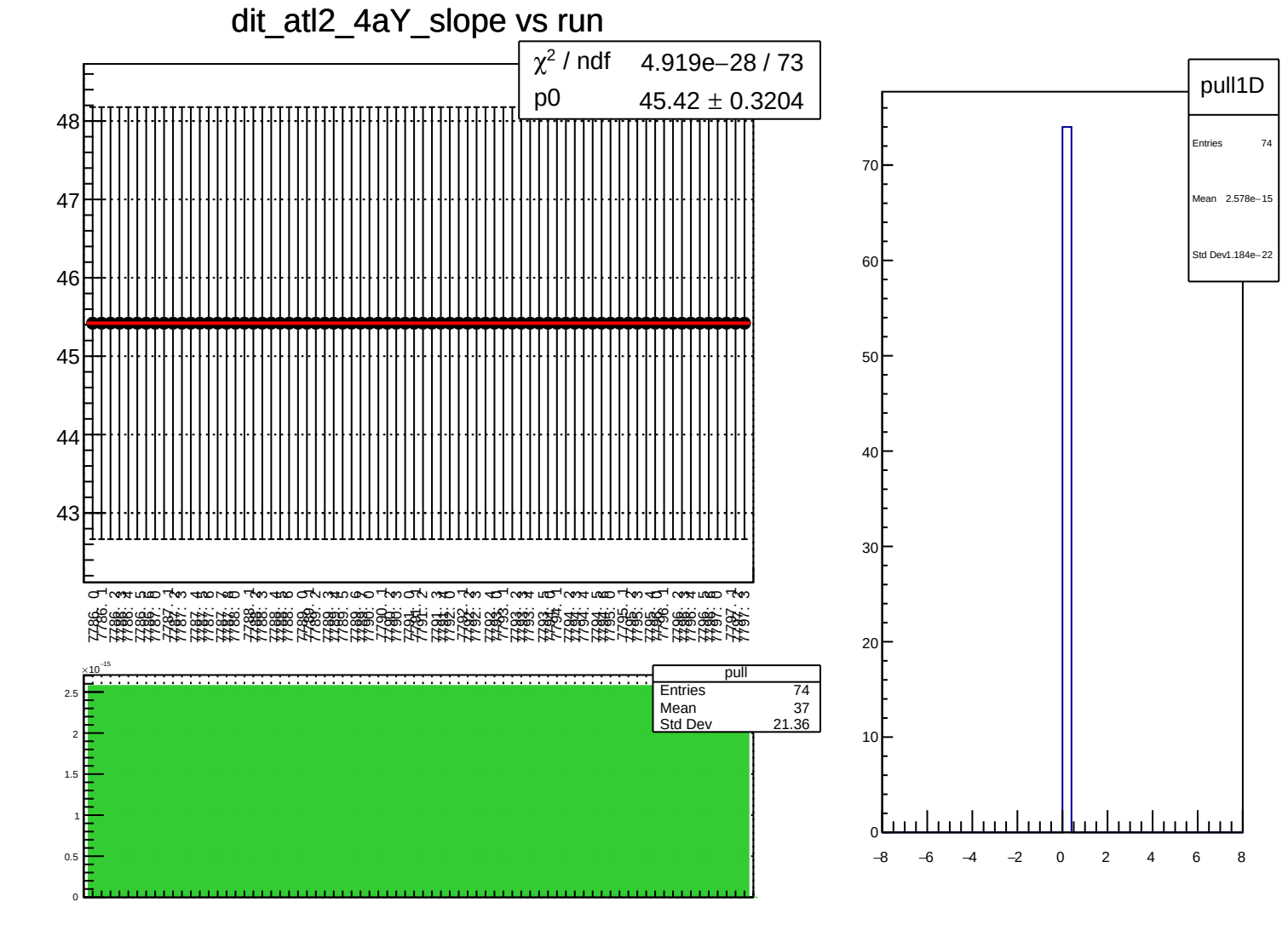

dit_atl1_4aY_slope vs run
$\chi^2$ / ndf 1.283e−27 / 73
p0 13.49 ± 0.3967
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean −4.165e−15
Std Dev 2.368e−22

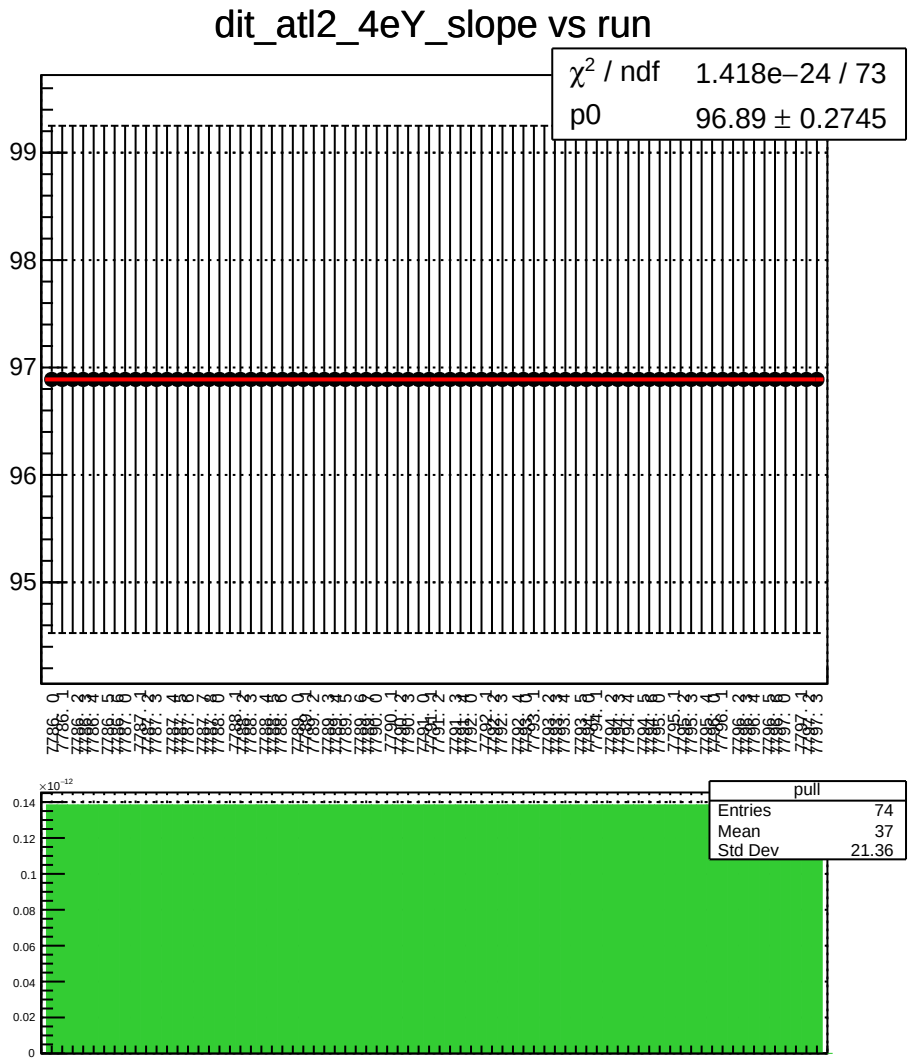

dit_atl1_4eY_slope vs run
χ² / ndf 1.064e−27 / 73
p0 −28.26 ± 0.3268
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean 3.792e−15
Std Dev 2.05e−22

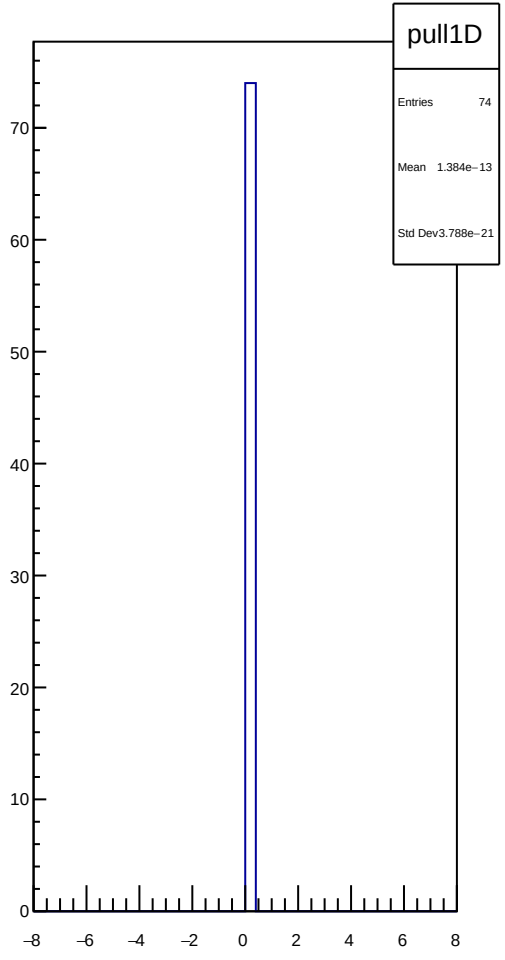

dit_atl2_4aX_slope vs run
χ² / ndf 1.955e−23 / 73
p0 −637.2 ± 0.2828
−635
−636
−637
−638
−639
−640
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0
−0.1
−0.2
−0.3
−0.4
−0.5
pull1D
Entries 74
Mean −5.14e−13
Std Dev 2.143e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

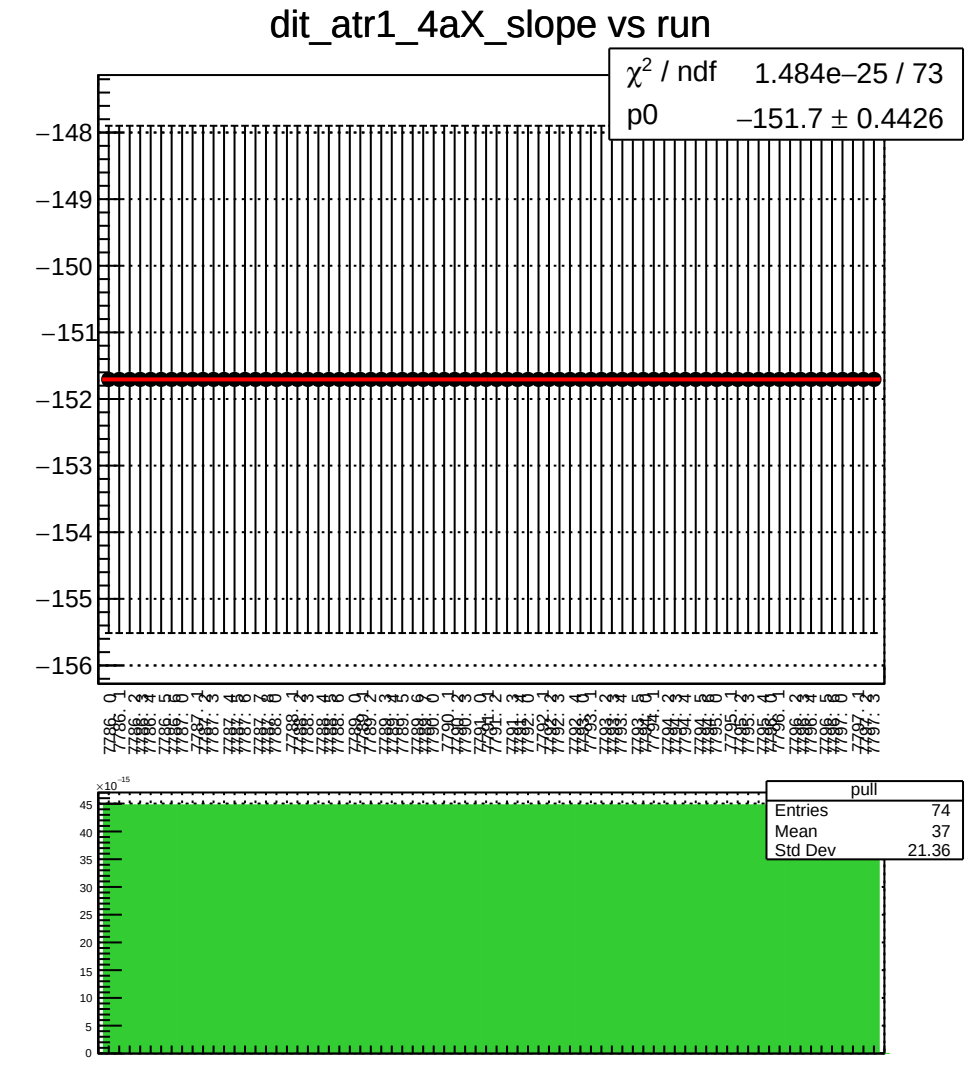

dit_atl2_4eX_slope vs run
χ² / ndf 4.213e−23 / 73
p0 500 ± 0.2014
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean 7.545e−13
Std Dev 2.711e−20

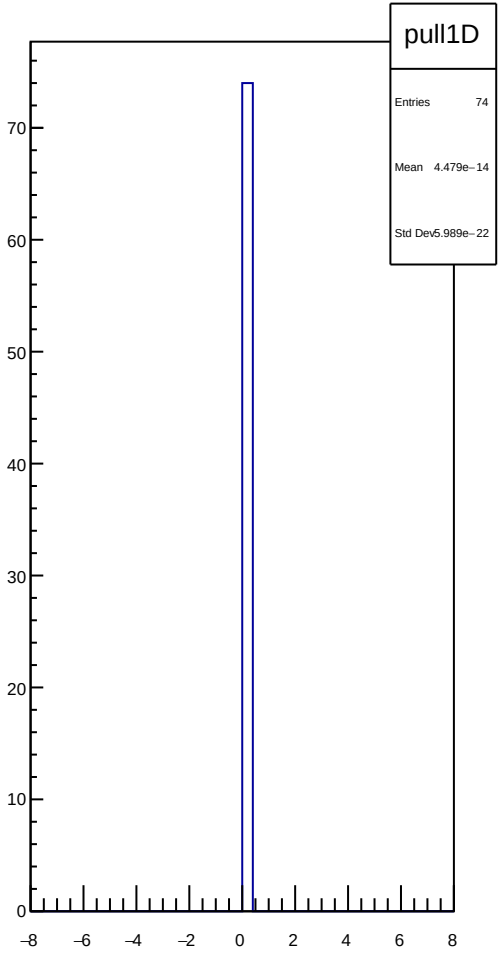

dit_atl2_11X12X_slope vs run
χ² / ndf 3.063e−23 / 73
p0 −258 ± 0.07189
−257.4
−257.6
−257.8
−258
−258.2
−258.4
−258.6
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0.6
0.5
0.4
0.3
0.2
0.1
0
pull1D
Entries 74
Mean 6.434e−13
Std Dev 1.355e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

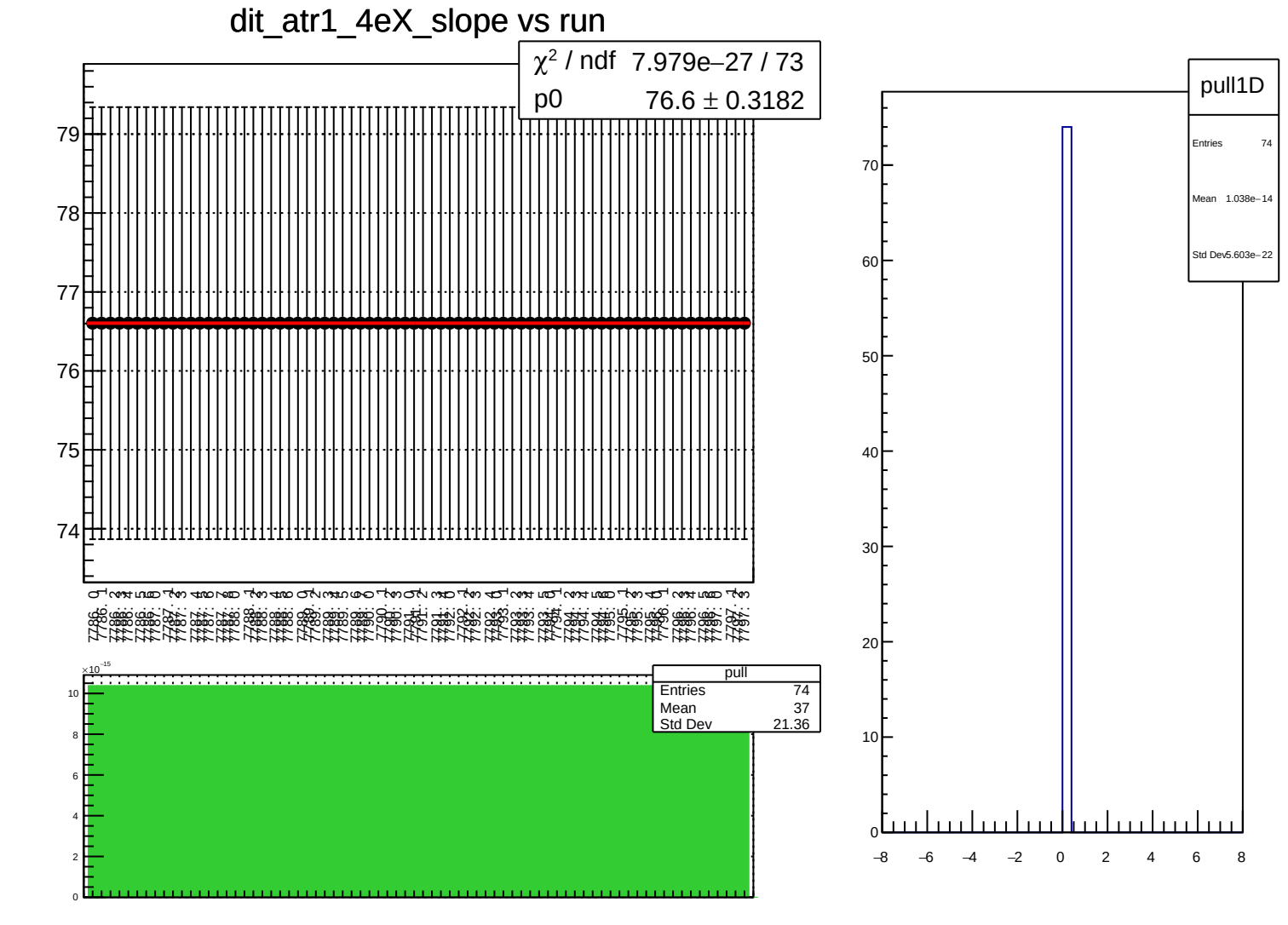

dit_atl2_4aY_slope vs run
χ² / ndf 4.919e−28 / 73
p0 45.42 ± 0.3204
48
47
46
45
44
43
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
2.5
2
1.5
1
0.5
0
pull1D
Entries 74
Mean 2.578e−15
Std Dev1.184e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

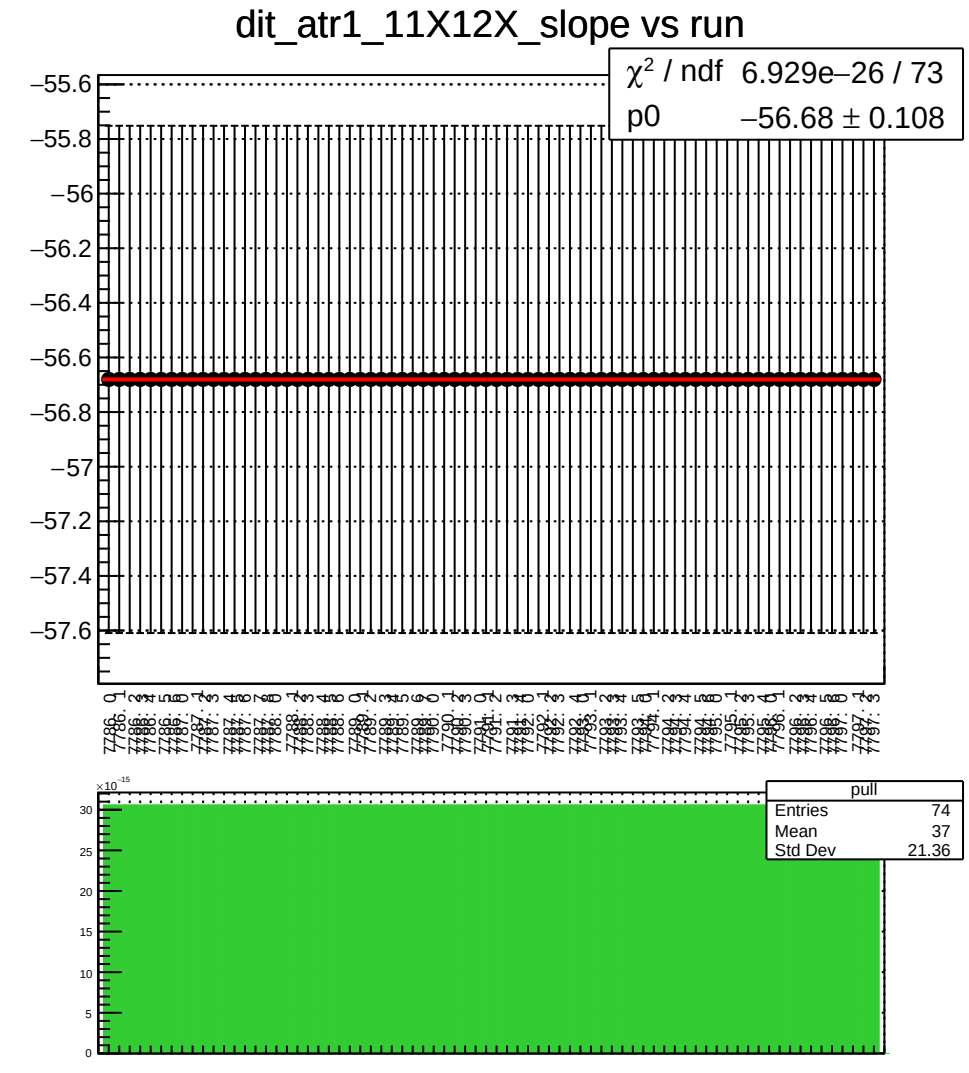

dit_atl2_4eY_slope vs run
χ² / ndf 1.418e−24 / 73
p0 96.89 ± 0.2745
99
98
97
96
95
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0

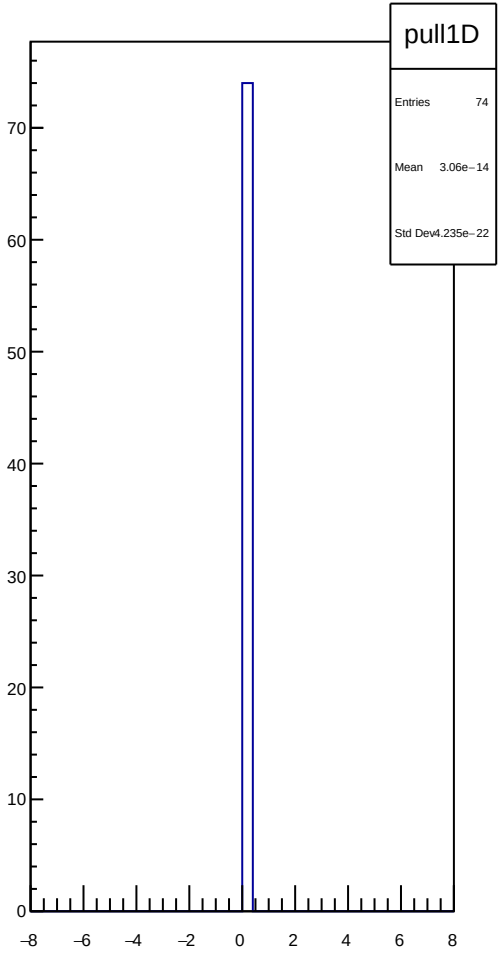

pull1D
Entries 74
Mean 1.384e−13
Std Dev3.788e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

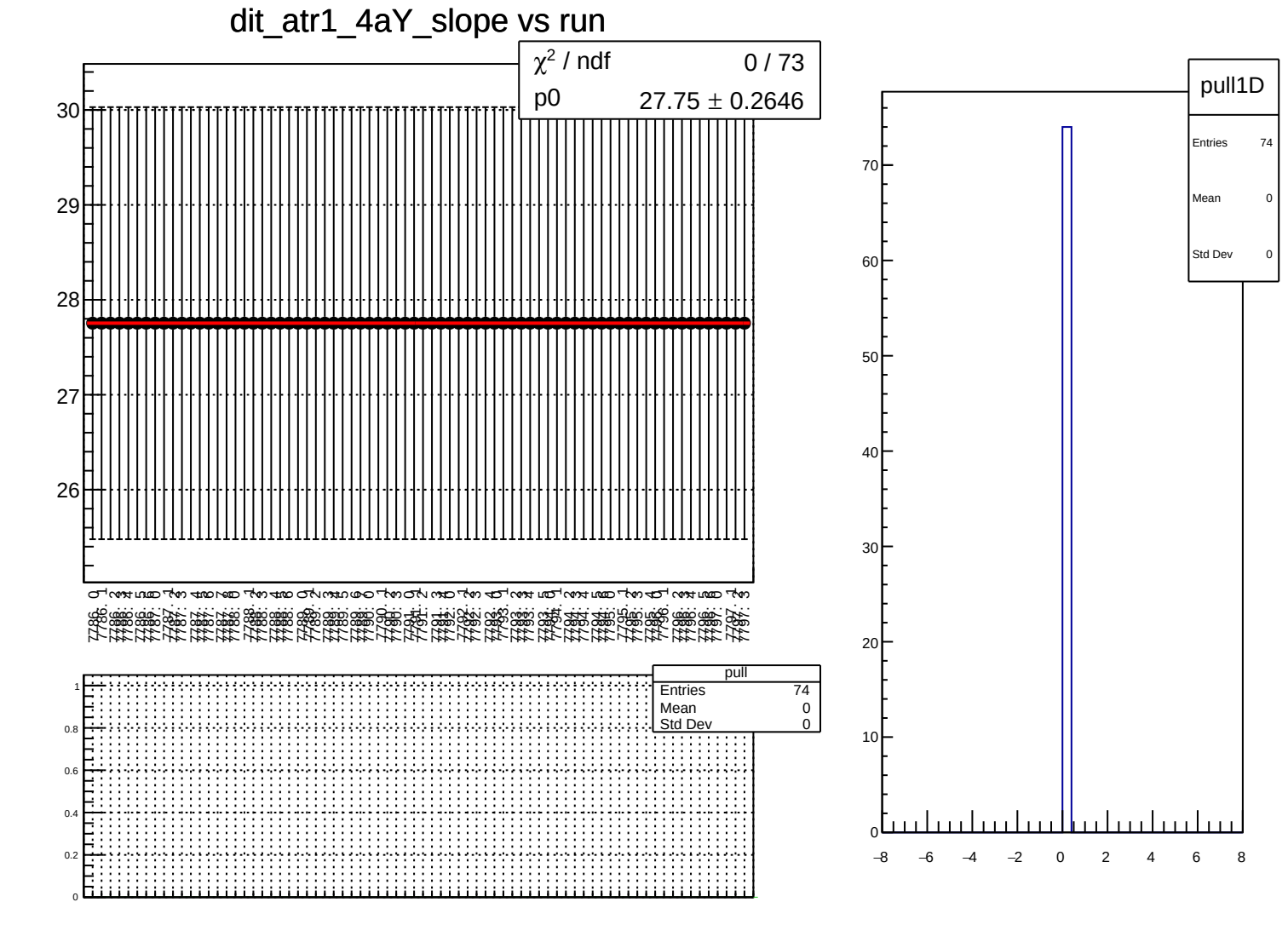

dit_atr1_4aX_slope vs run
χ² / ndf 1.484e−25 / 73
p0 −151.7 ± 0.4426
−148
−149
−150
−151
−152
−153
−154
−155
−156
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
45
40
35
30
25
20
15
10
5
0

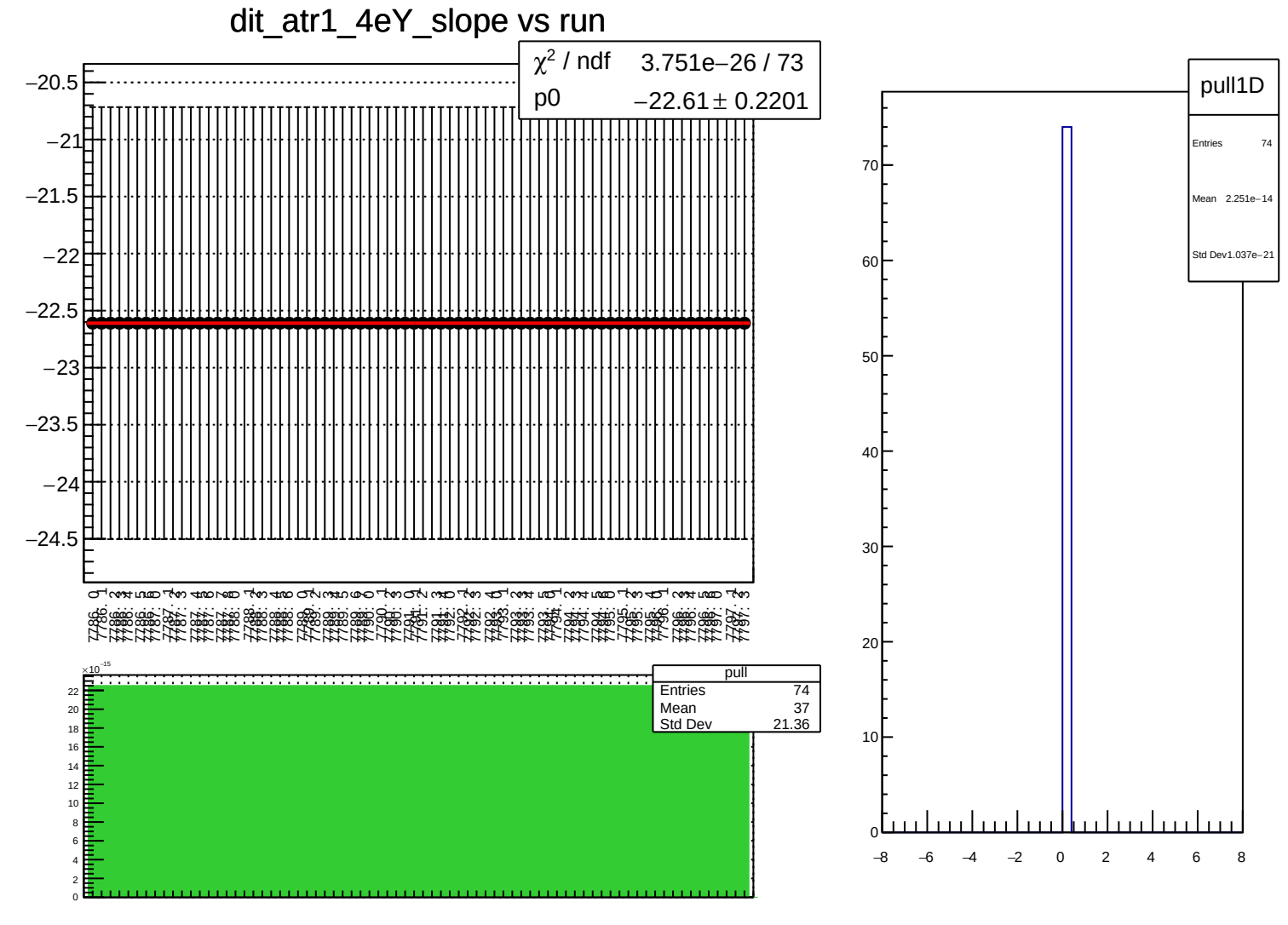

pull1D
Entries 74
Mean 4.479e−14
Std Dev 5.989e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

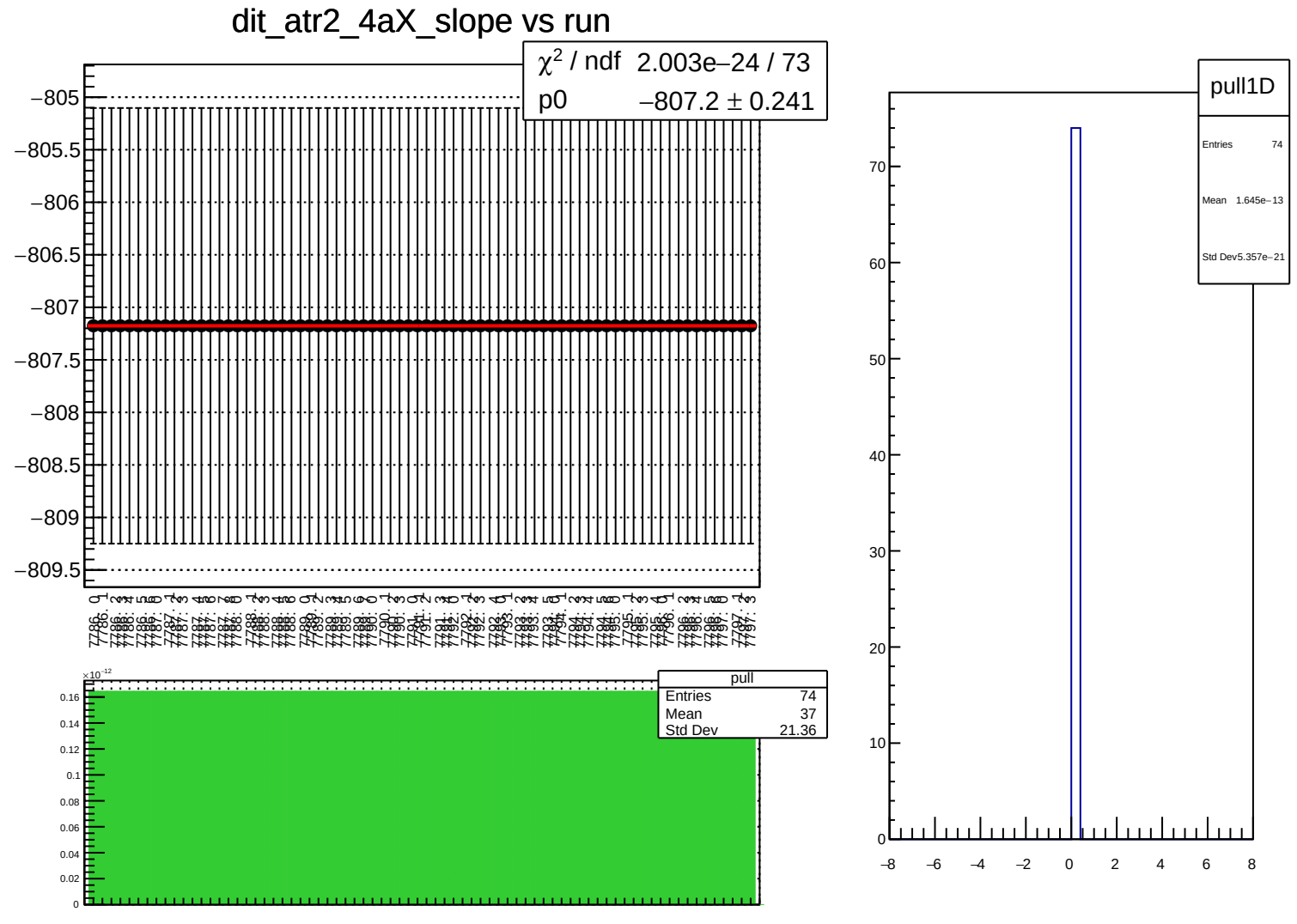

dit_atr1_4eX_slope vs run
χ² / ndf 7.979e−27 / 73
p0 76.6 ± 0.3182
79
78
77
76
75
74
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
10
8
6
4
2
0
pull1D
Entries 74
Mean 1.038e−14
Std Dev 5.603e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

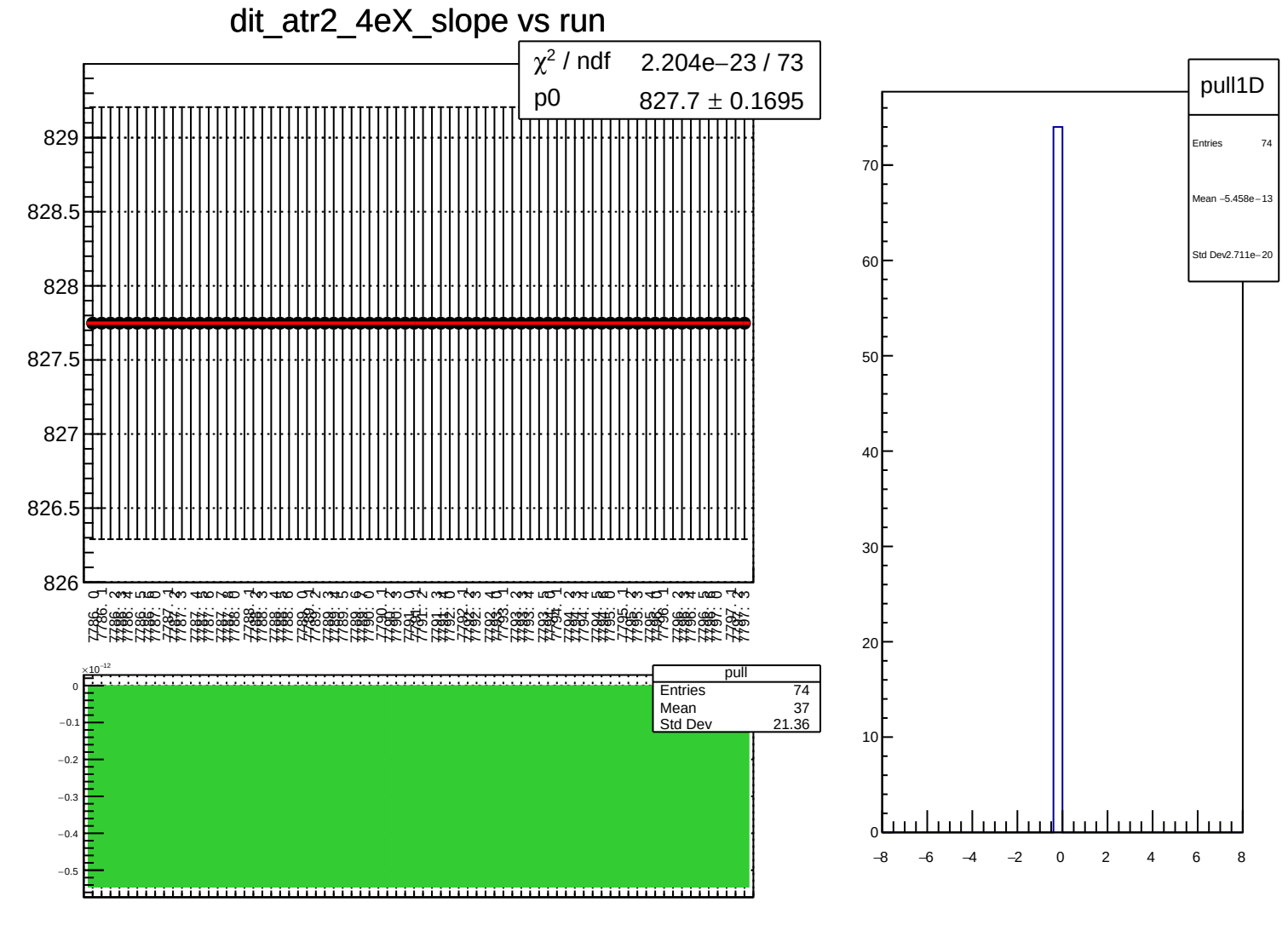

dit_atr1_11X12X_slope vs run
χ² / ndf 6.929e−26 / 73
p0 −56.68 ± 0.108
−55.6
−55.8
−56
−56.2
−56.4
−56.6
−56.8
−57
−57.2
−57.4
−57.6
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
30
25
20
15
10
5
0

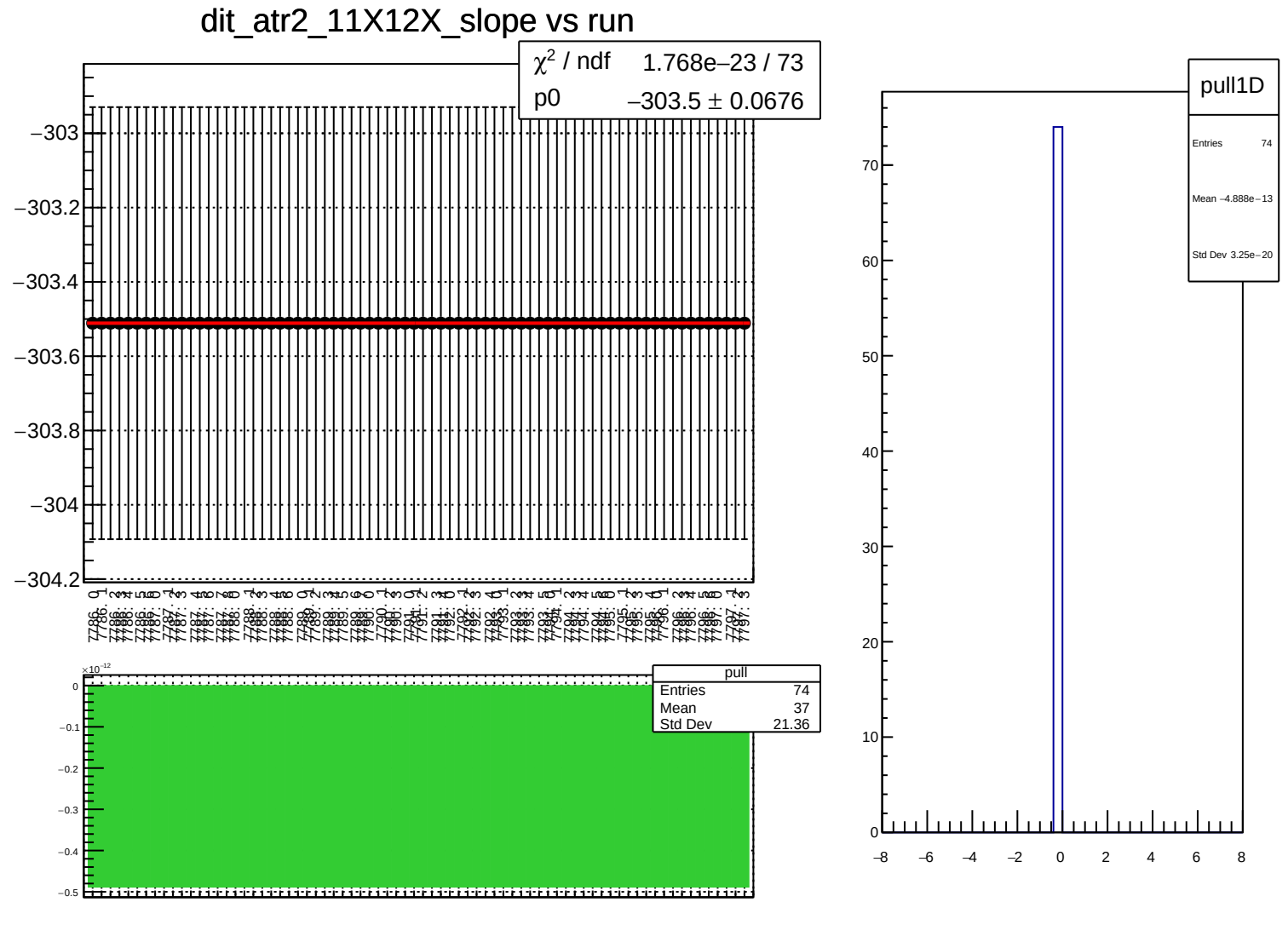

pull1D
Entries 74
Mean 3.06e−14
Std Dev 4.235e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

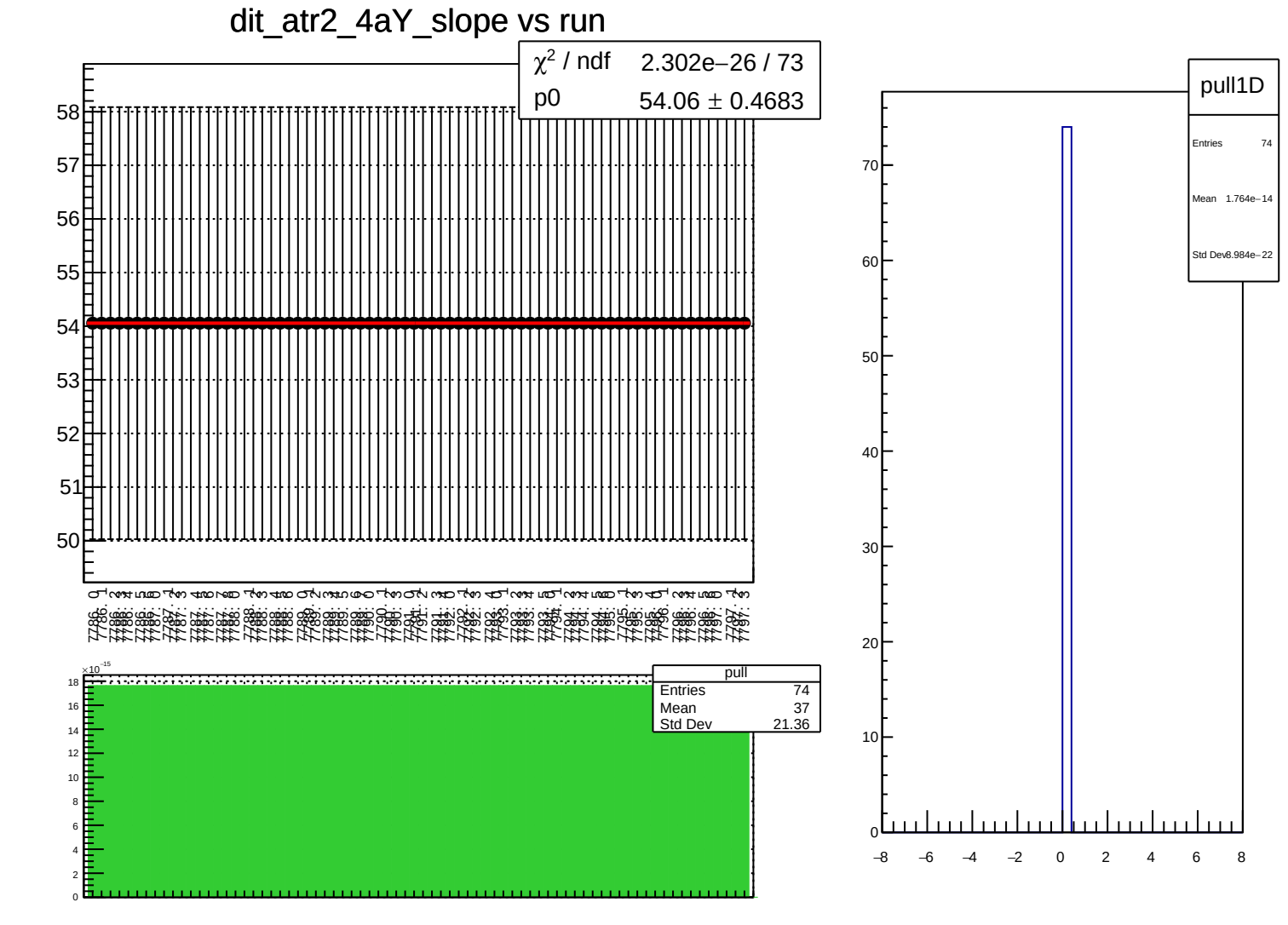

dit_atr1_4aY_slope vs run
χ² / ndf 0 / 73
p0 27.75 ± 0.2646
pull
Entries 74
Mean 0
Std Dev 0
pull1D
Entries 74
Mean 0
Std Dev 0

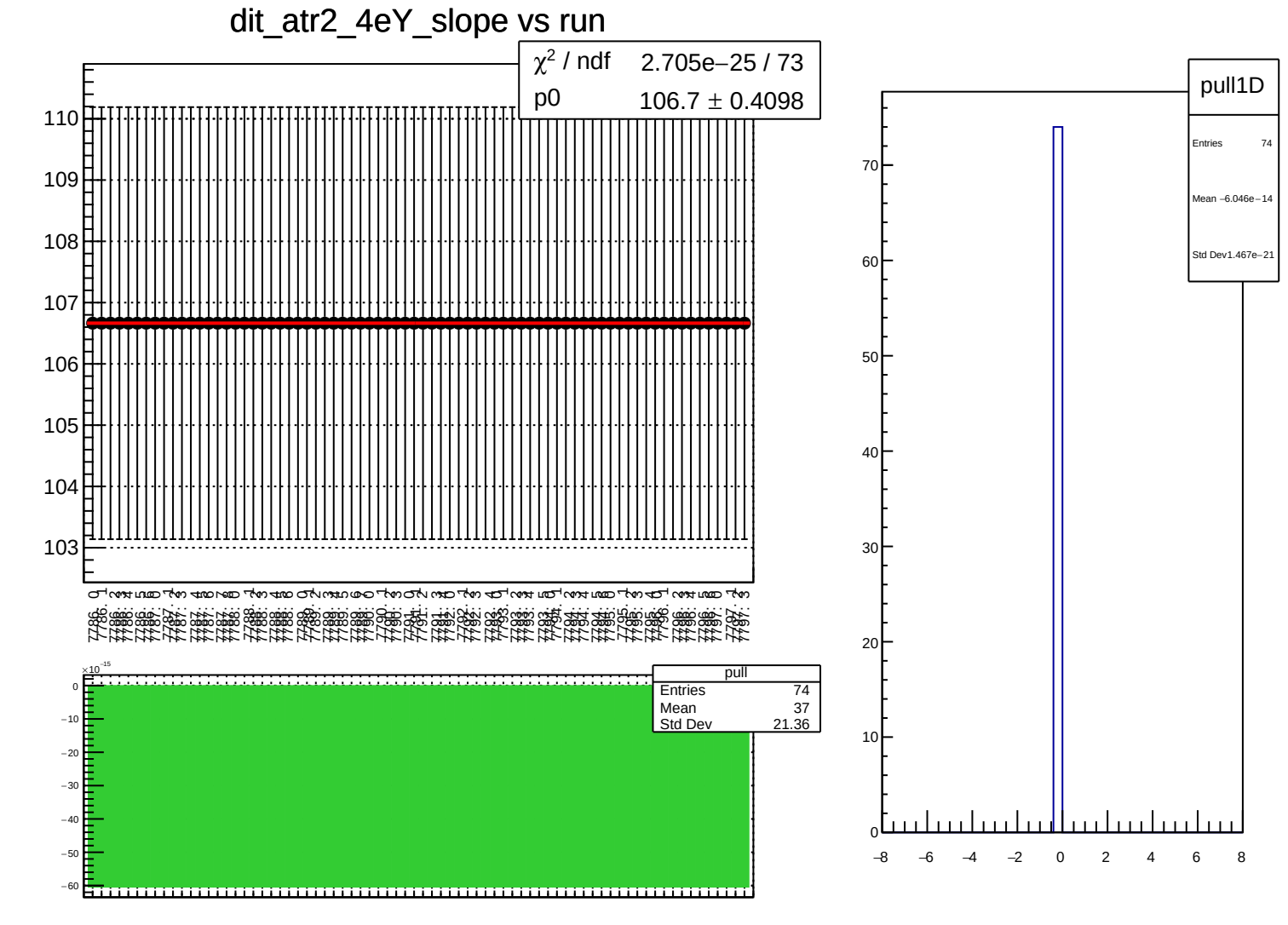

dit_atr1_4eY_slope vs run
χ² / ndf 3.751e−26 / 73
p0 −22.61 ± 0.2201
−20.5
−21
−21.5
−22
−22.5
−23
−23.5
−24
−24.5
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean 2.251e−14
Std Dev1.037e−21

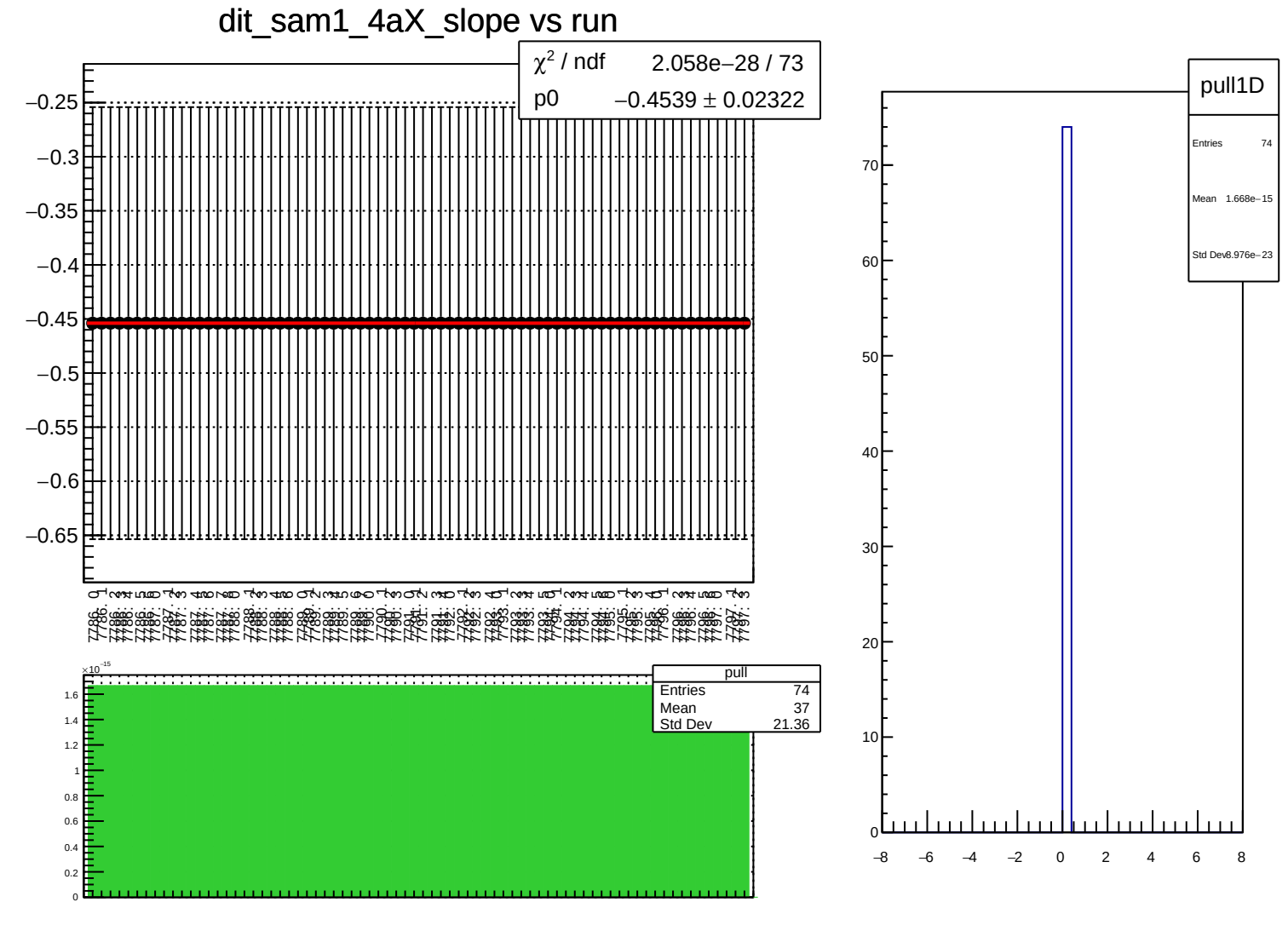

dit_atr2_4aX_slope vs run
χ² / ndf 2.003e−24 / 73
p0 −807.2 ± 0.241
−805
−805.5
−806
−806.5
−807
−807.5
−808
−808.5
−809
−809.5
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
pull1D
Entries 74
Mean 1.645e−13
Std Dev5.357e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

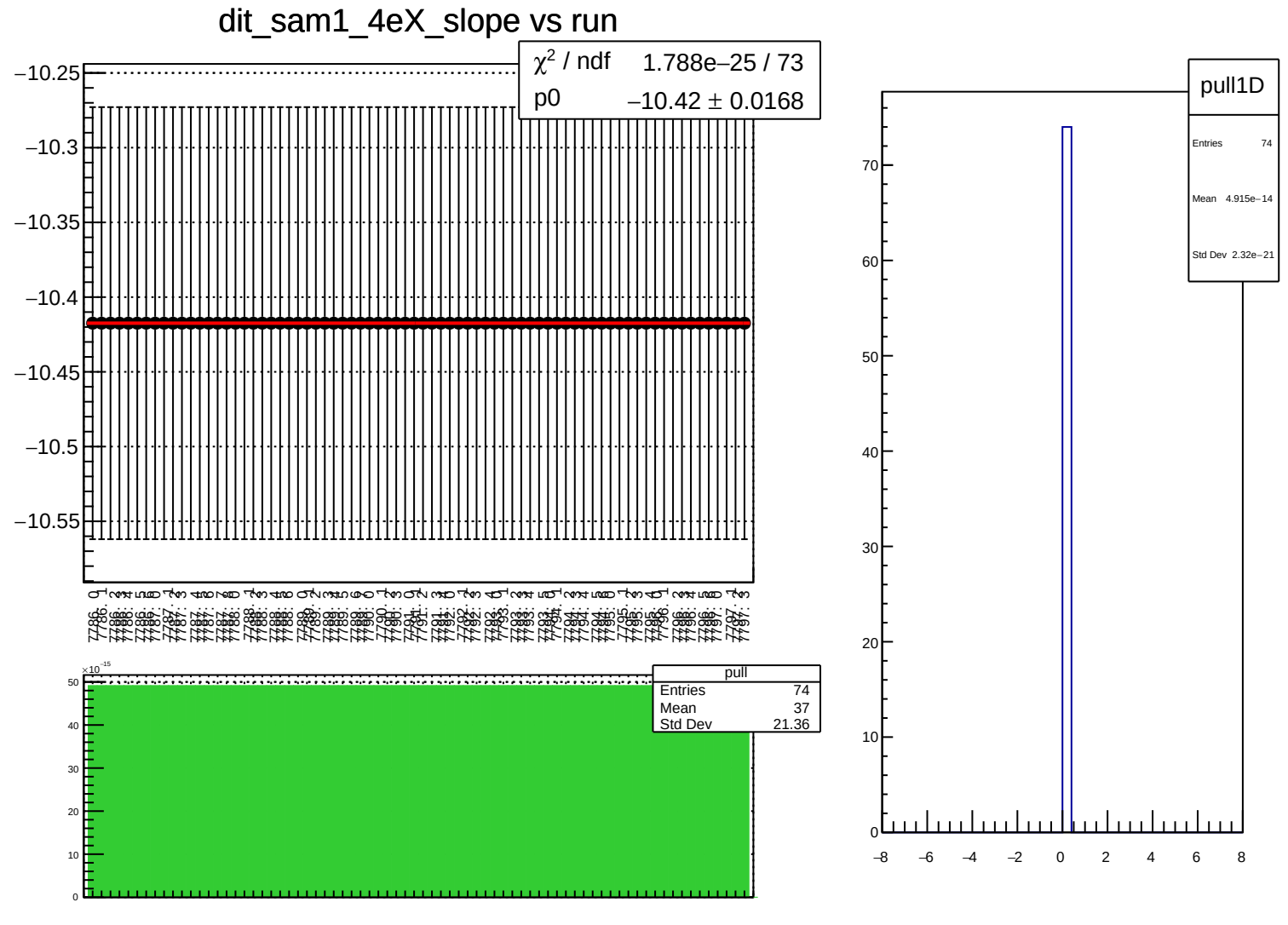

dit_atr2_4eX_slope vs run
χ² / ndf 2.204e−23 / 73
p0 827.7 ± 0.1695
829
828.5
828
827.5
827
826.5
826
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean −5.458e−13
Std Dev2.711e−20

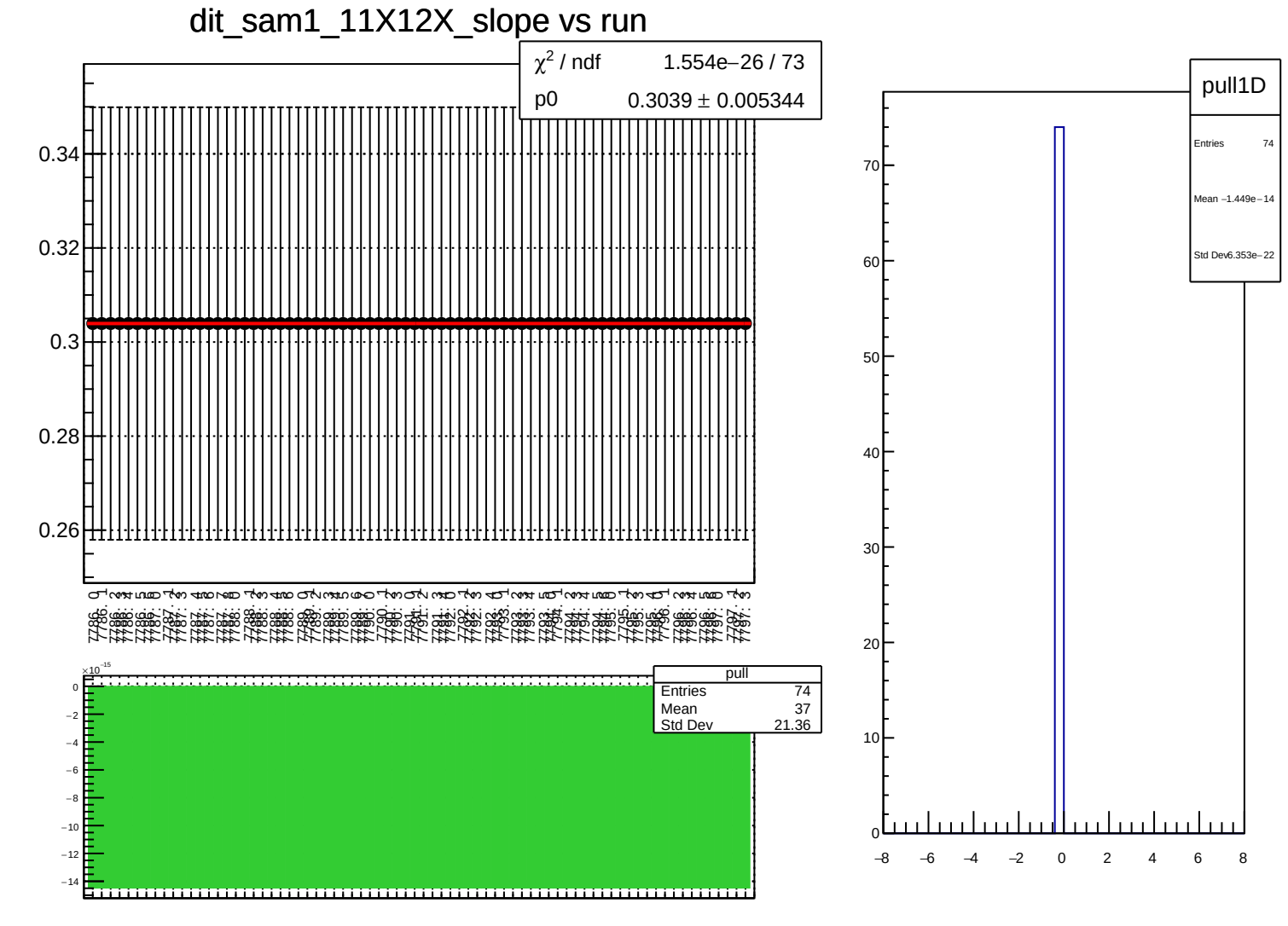

dit_atr2_11X12X_slope vs run
χ² / ndf 1.768e−23 / 73
p0 −303.5 ± 0.0676
−303
−303.2
−303.4
−303.6
−303.8
−304
−304.2
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0
−0.1
−0.2
−0.3
−0.4
−0.5
pull1D
Entries 74
Mean −4.888e−13
Std Dev 3.25e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

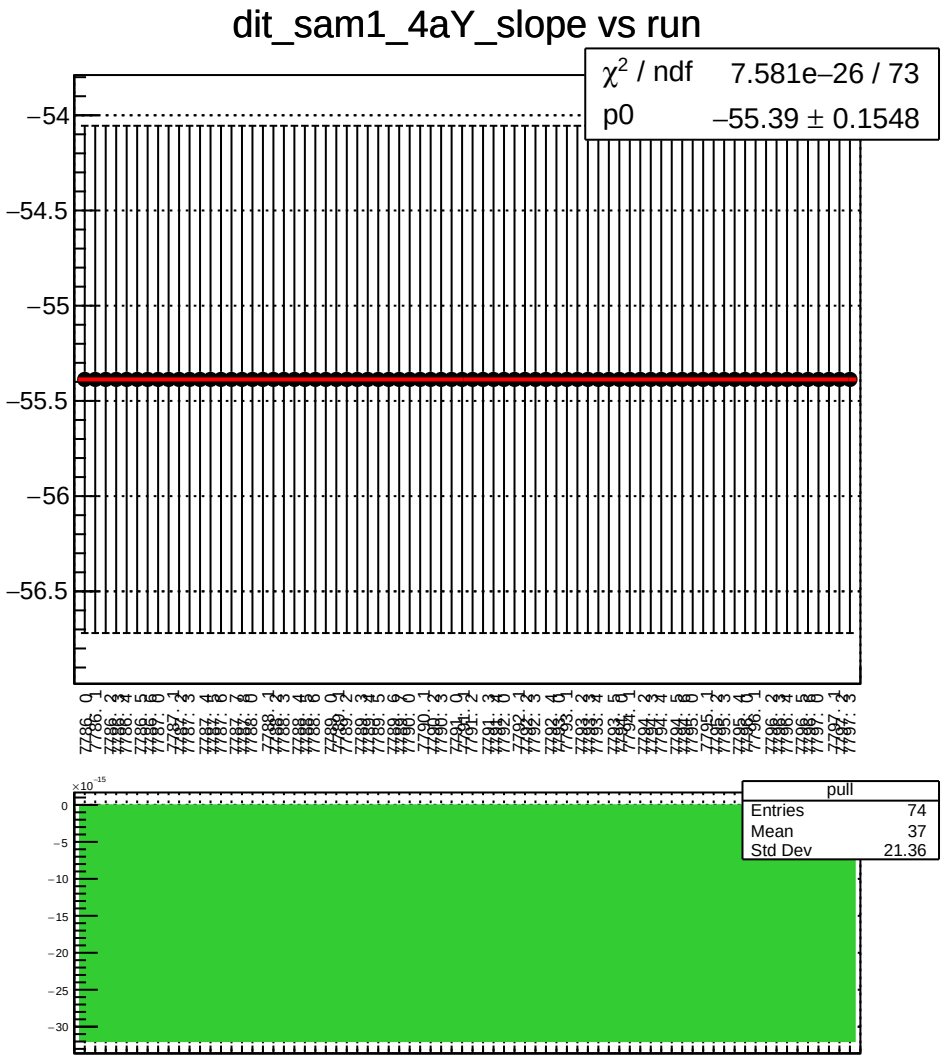

dit_atr2_4aY_slope vs run
χ² / ndf 2.302e−26 / 73
p0 54.06 ± 0.4683
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean 1.764e−14
Std Dev 8.984e−22

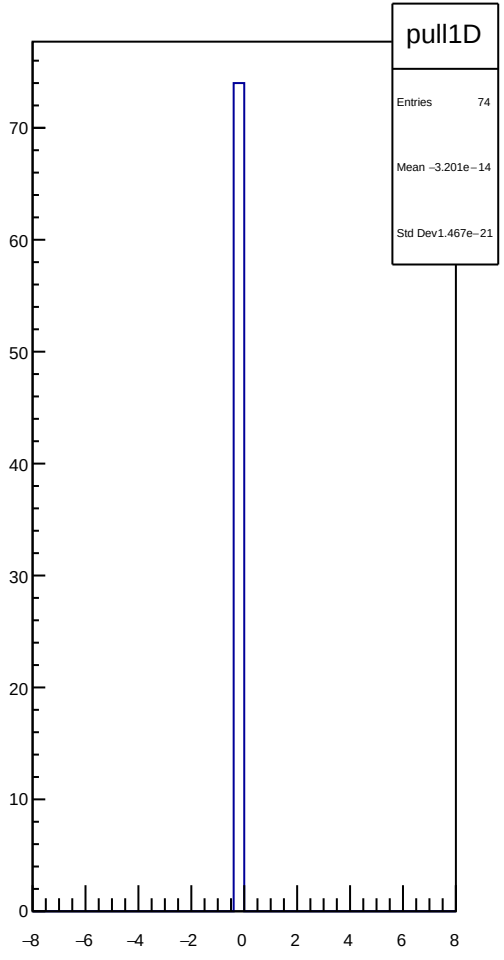

dit_atr2_4eY_slope vs run
χ² / ndf 2.705e−25 / 73
p0 106.7 ± 0.4098
110
109
108
107
106
105
104
103
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
pull1D
Entries 74
Mean −6.046e−14
Std Dev1.467e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

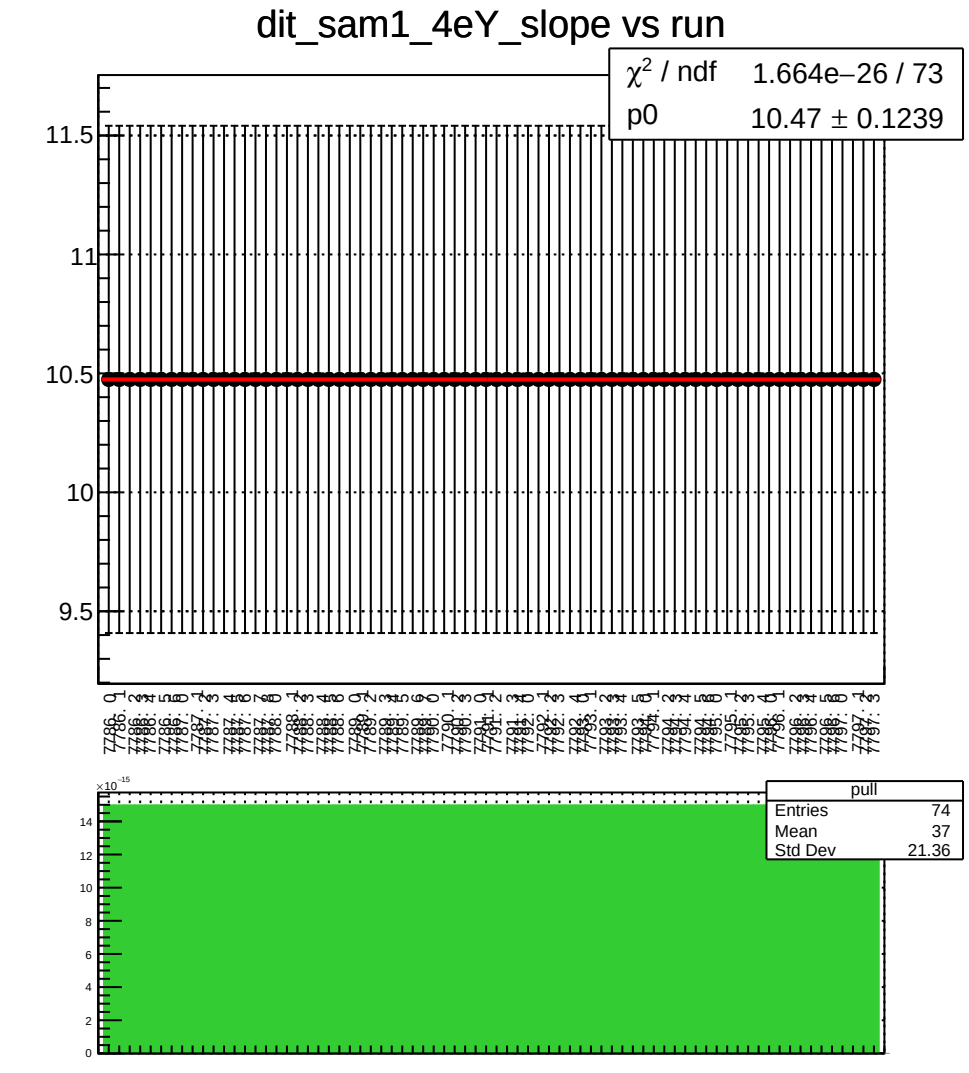

dit_sam1_4aX_slope vs run
χ² / ndf 2.058e−28 / 73
p0 −0.4539 ± 0.02322
−0.25
−0.3
−0.35
−0.4
−0.45
−0.5
−0.55
−0.6
−0.65
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
pull1D
Entries 74
Mean 1.668e−15
Std Dev 8.976e−23
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

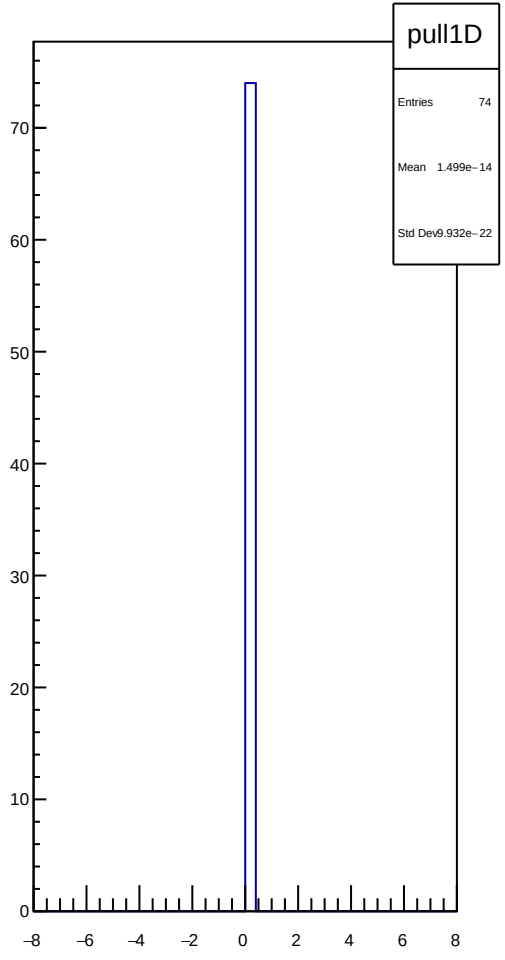

dit_sam1_4eX_slope vs run
χ² / ndf 1.788e−25 / 73
p0 −10.42 ± 0.0168
−10.25
−10.3
−10.35
−10.4
−10.45
−10.5
−10.55
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean 4.915e−14
Std Dev 2.32e−21

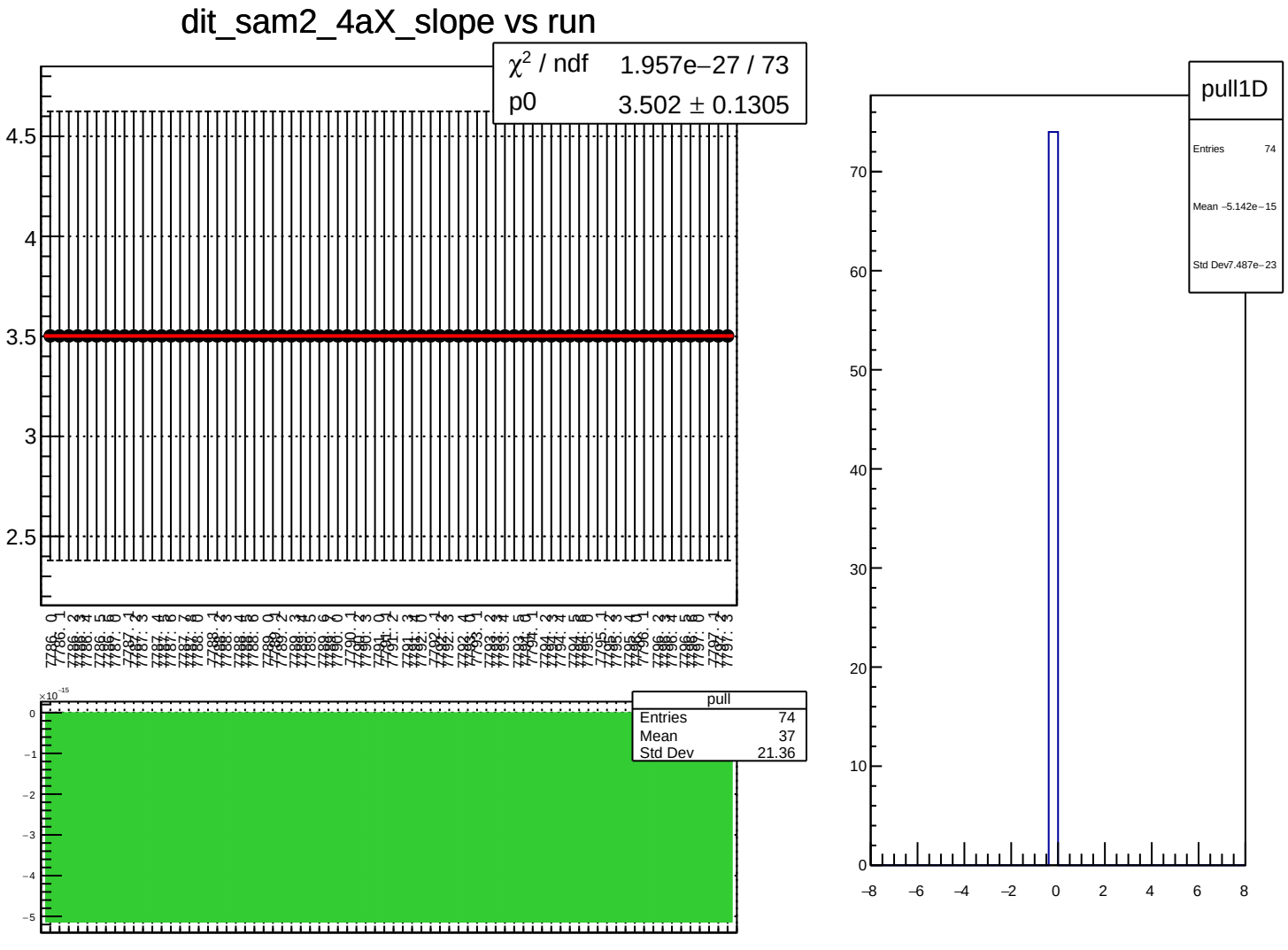

dit_sam1_11X12X_slope vs run
χ² / ndf 1.554e−26 / 73
p0 0.3039 ± 0.005344
0.34
0.32
0.3
0.28
0.26
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12
−14
pull1D
Entries 74
Mean −1.449e−14
Std Dev 6.353e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

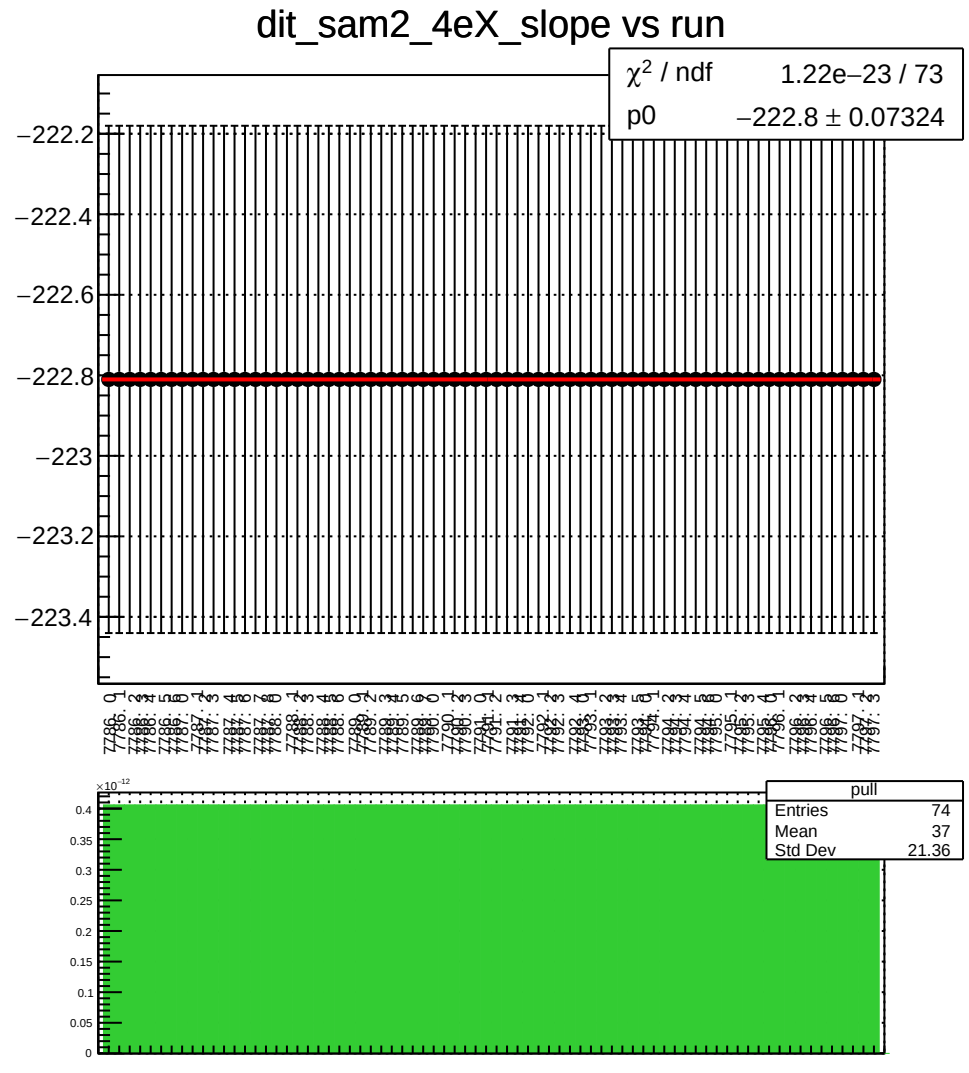

dit_sam1_4aY_slope vs run
χ² / ndf 7.581e−26 / 73
p0 −55.39 ± 0.1548
−54
−54.5
−55
−55.5
−56
−56.5
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30

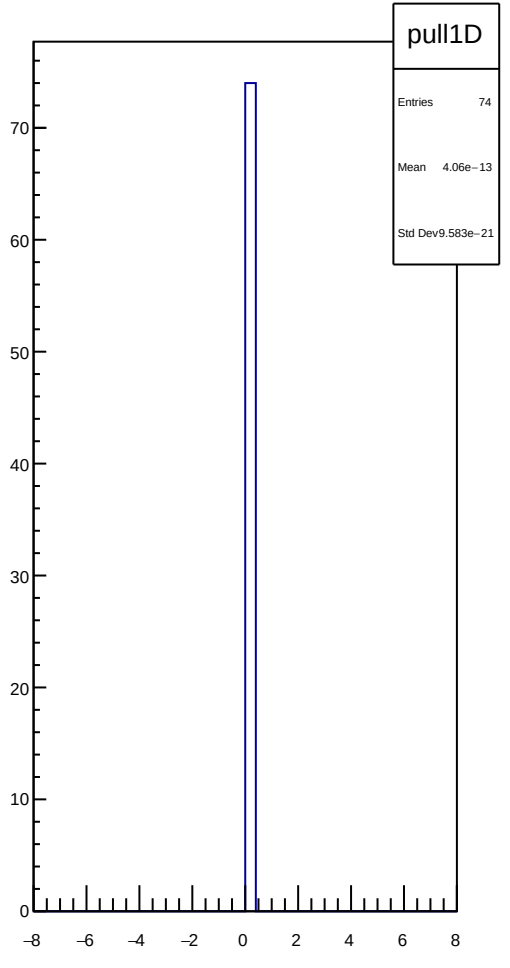

pull1D
Entries 74
Mean −3.201e−14
Std Dev 1.467e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

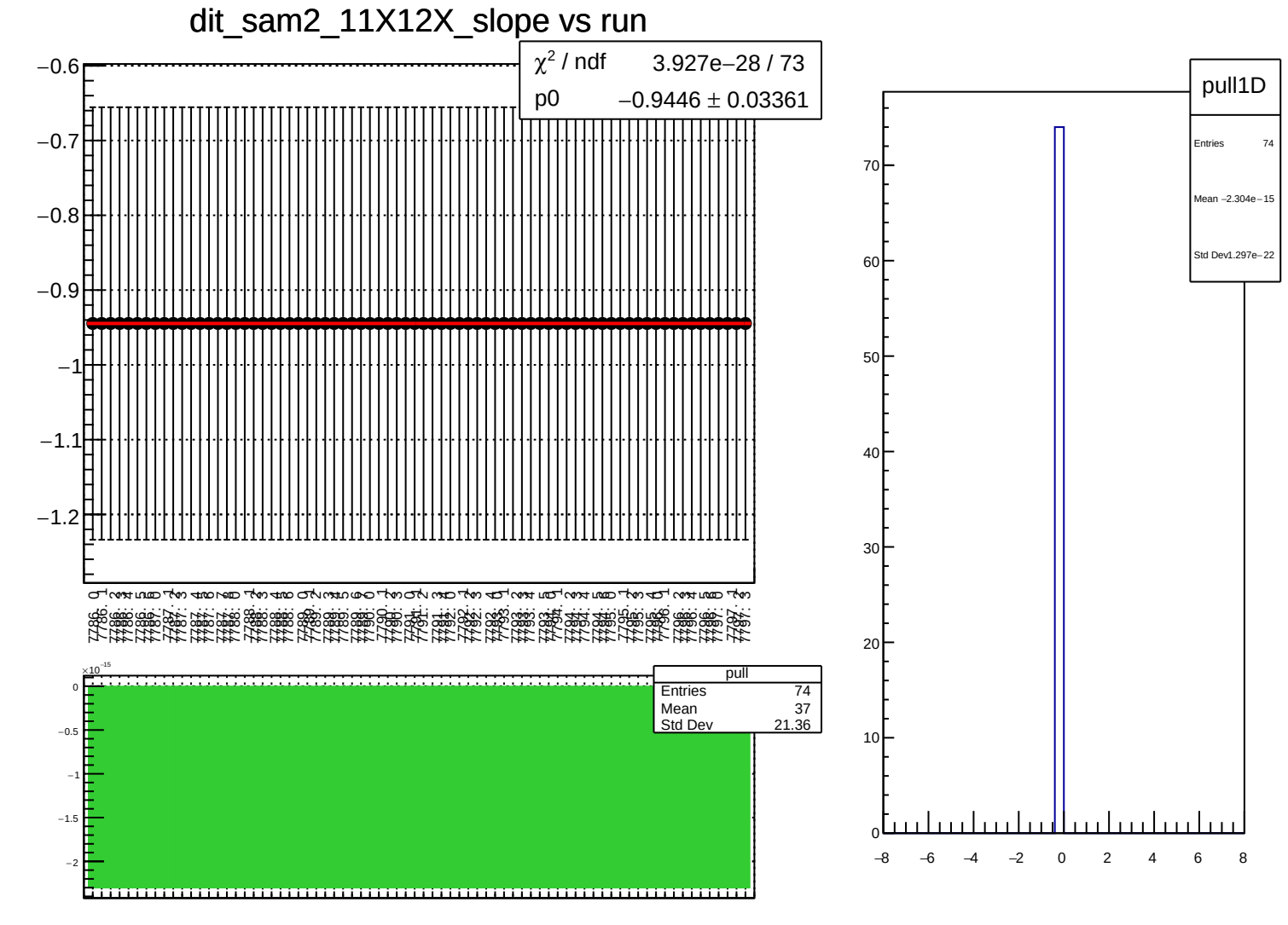

dit_sam1_4eY_slope vs run
χ² / ndf 1.664e−26 / 73
p0 10.47 ± 0.1239
11.5
11
10.5
10
9.5
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
14
12
10
8
6
4
2
0

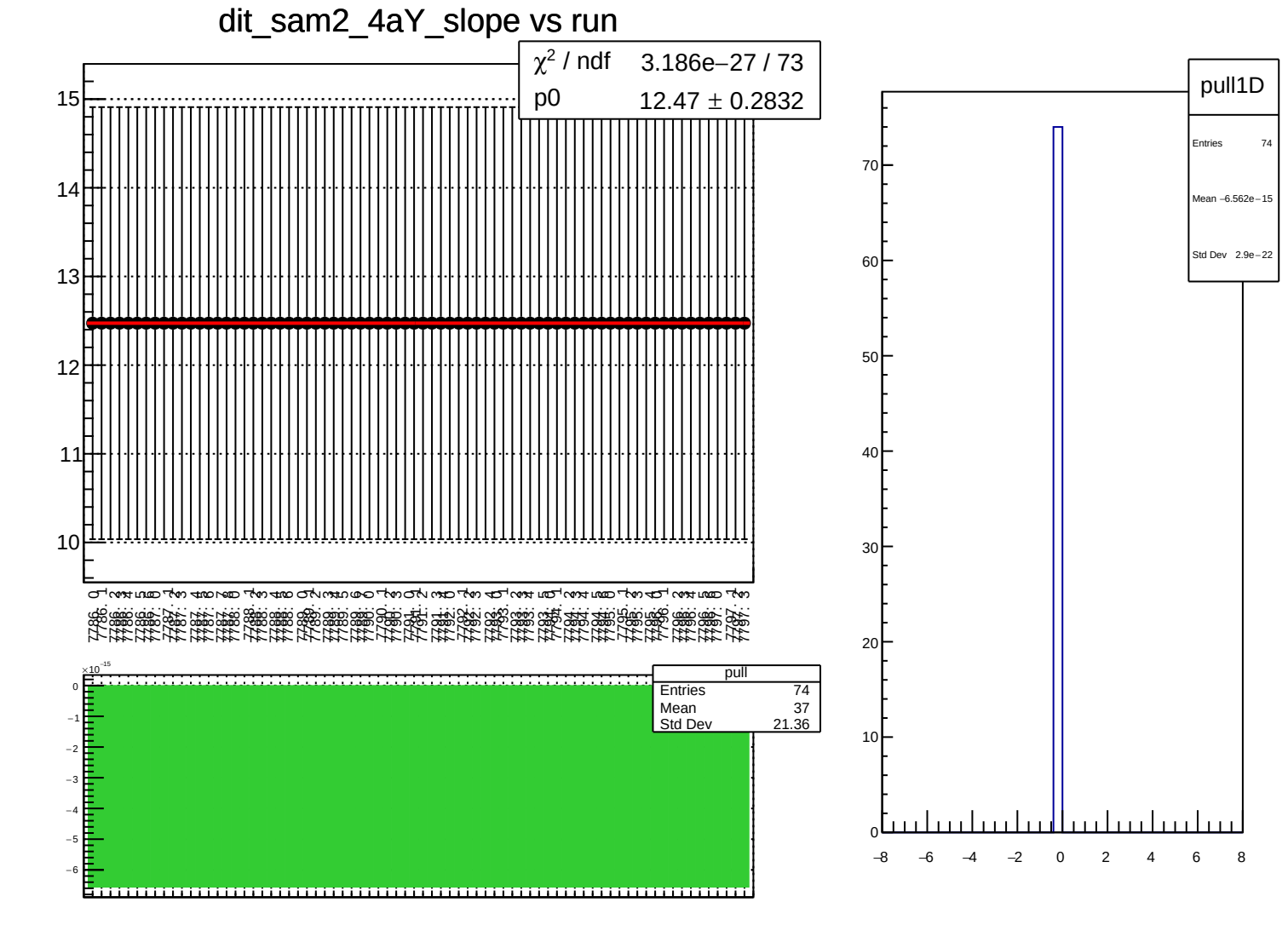

pull1D
Entries 74
Mean 1.499e−14
Std Dev 9.932e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

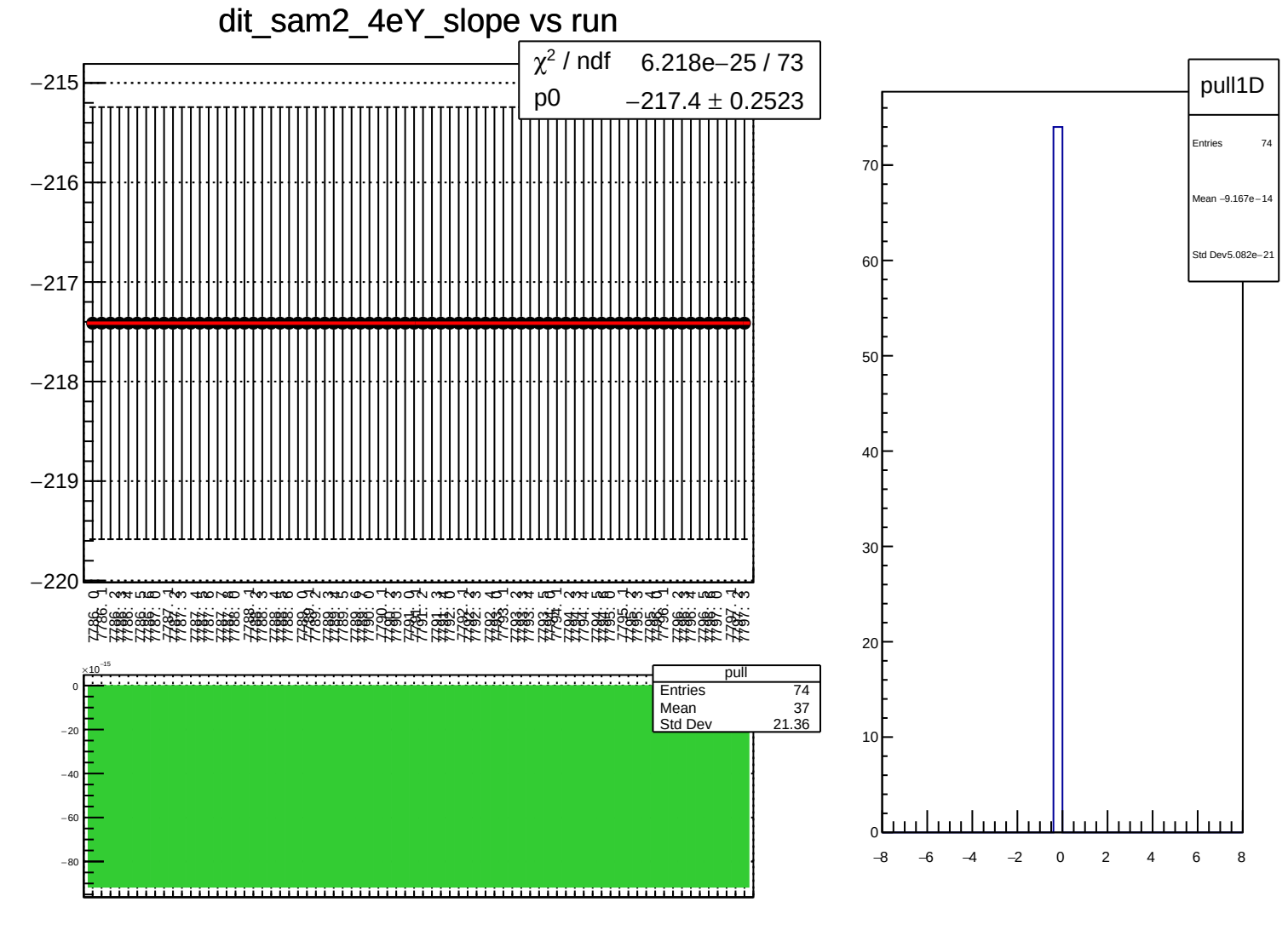

dit_sam2_4aX_slope vs run
χ² / ndf 1.957e−27 / 73
p0 3.502 ± 0.1305
4.5
4
3.5
3
2.5
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−1
−2
−3
−4
−5
pull1D
Entries 74
Mean −5.142e−15
Std Dev7.487e−23
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

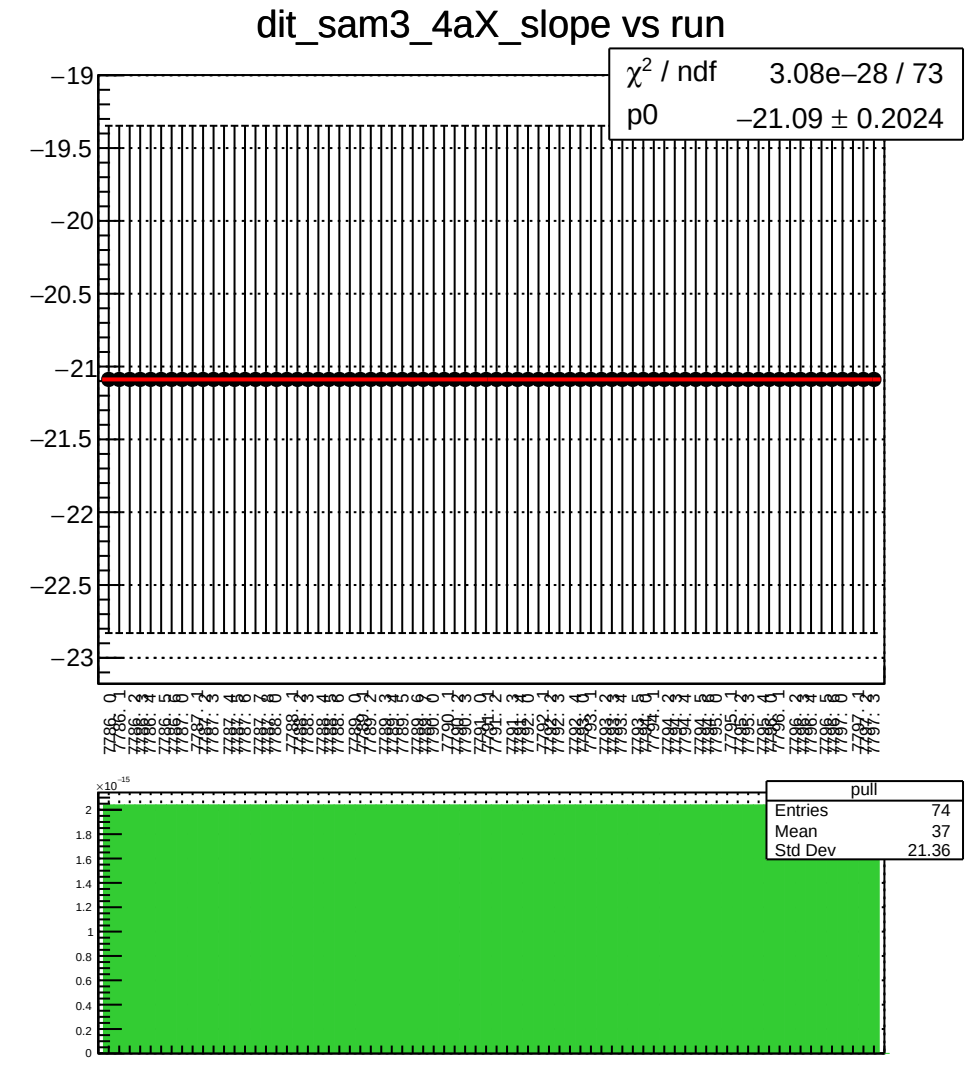

dit_sam2_4eX_slope vs run
χ² / ndf 1.22e−23 / 73
p0 −222.8 ± 0.07324
−222.2
−222.4
−222.6
−222.8
−223
−223.2
−223.4
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0

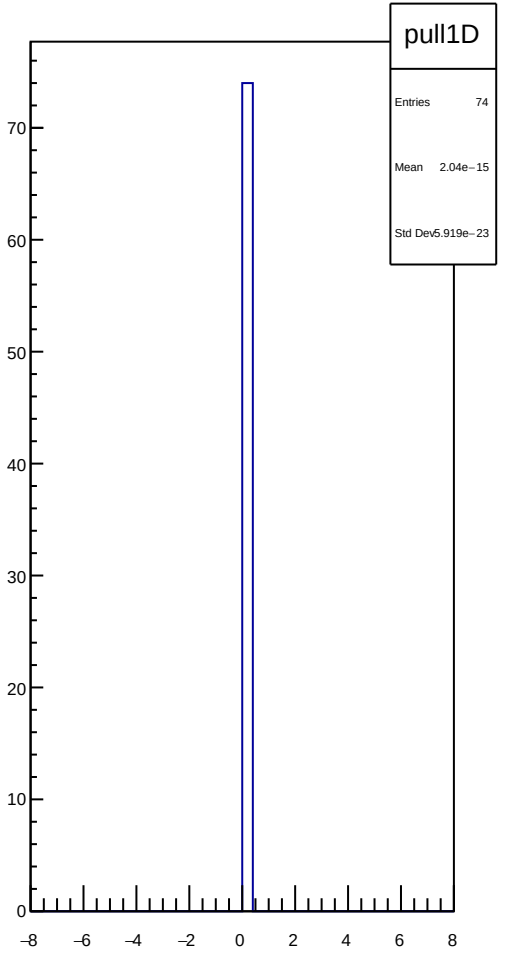

pull1D
Entries 74
Mean 4.06e−13
Std Dev 9.583e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

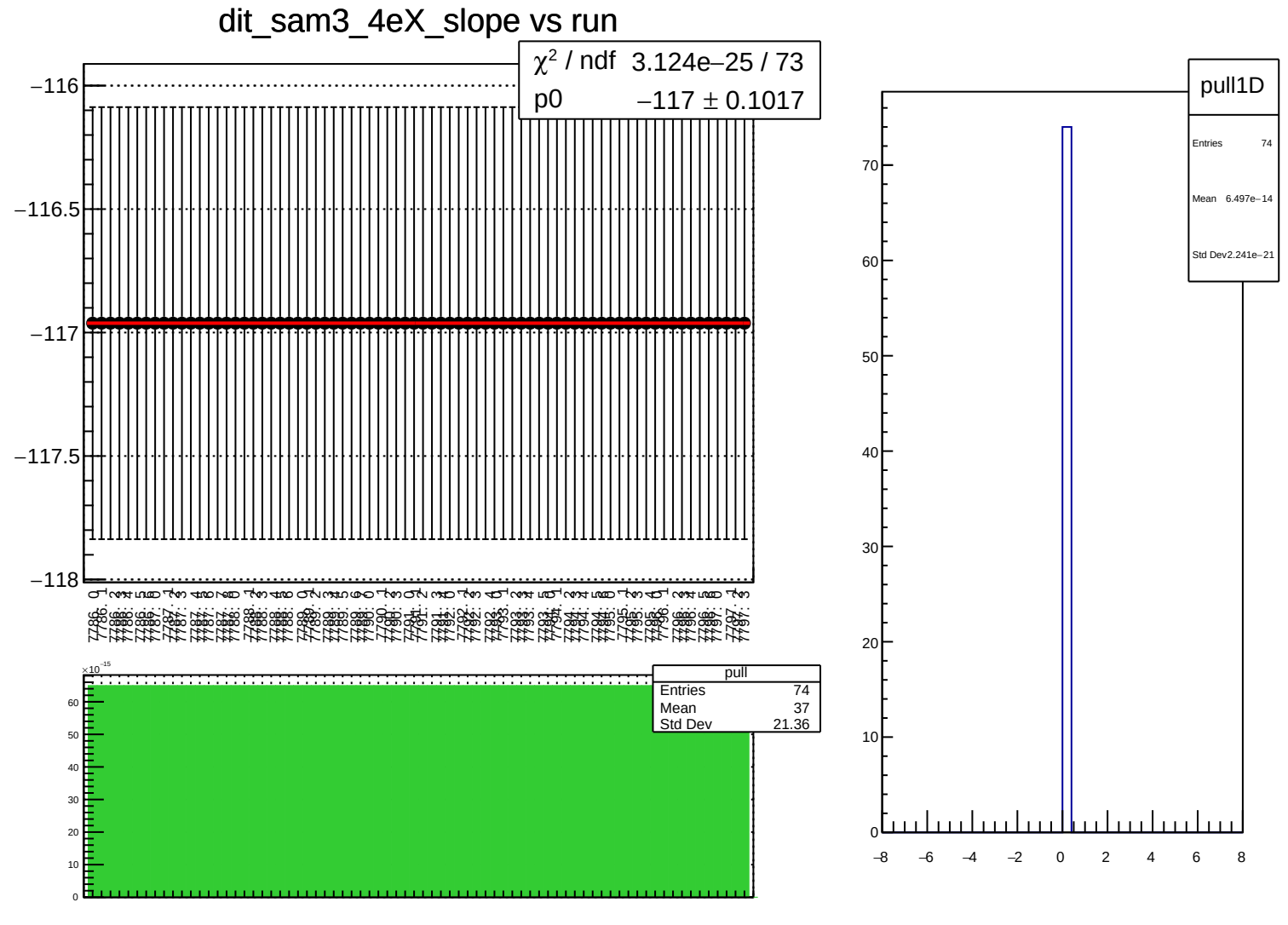

dit_sam2_11X12X_slope vs run
χ² / ndf 3.927e−28 / 73
p0 −0.9446 ± 0.03361
−0.6
−0.7
−0.8
−0.9
−1
−1.1
−1.2
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−0.5
−1
−1.5
−2
pull1D
Entries 74
Mean −2.304e−15
Std Dev1.297e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

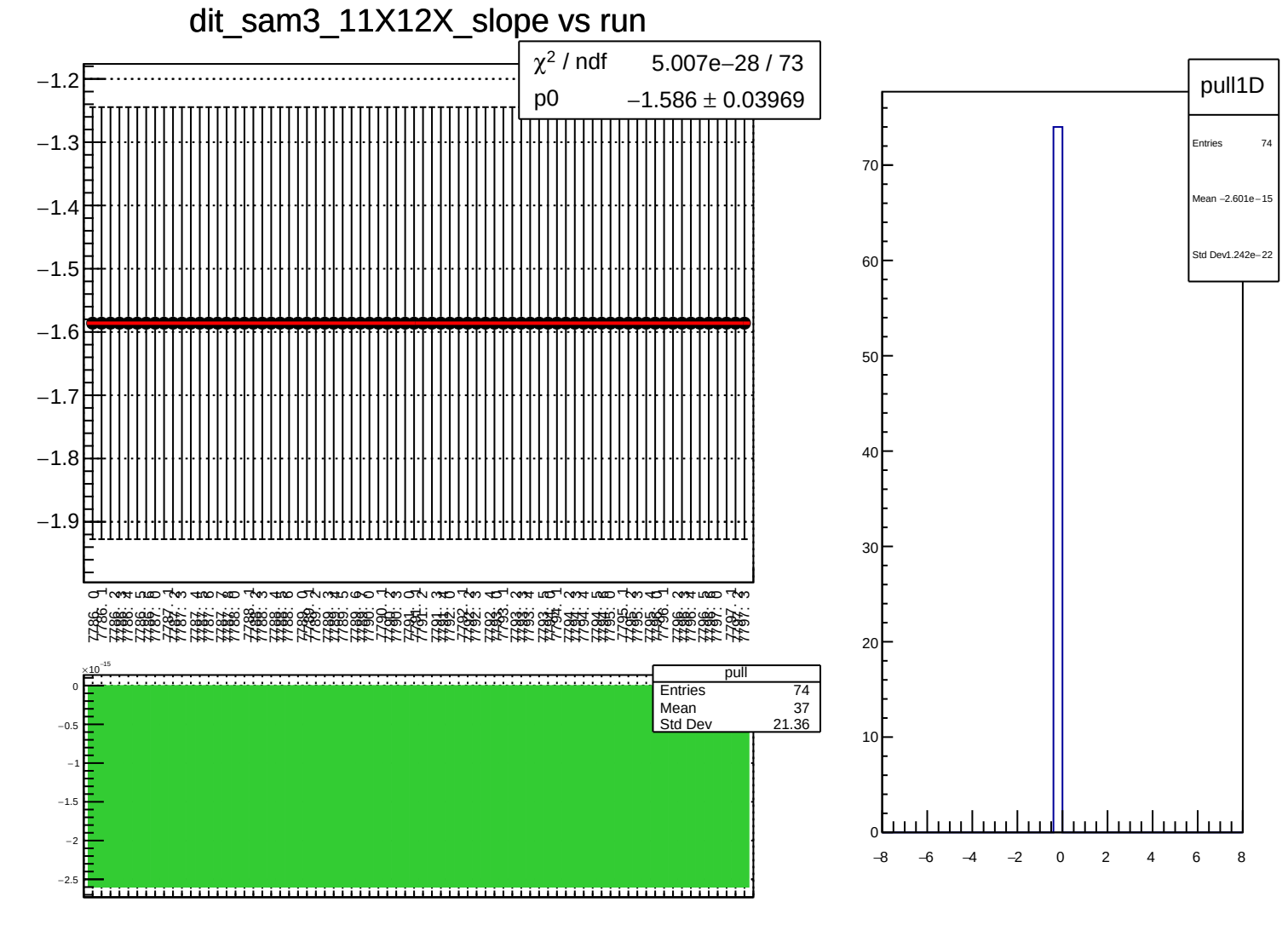

dit_sam2_4aY_slope vs run
χ² / ndf 3.186e−27 / 73
p0 12.47 ± 0.2832
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean −6.562e−15
Std Dev 2.9e−22

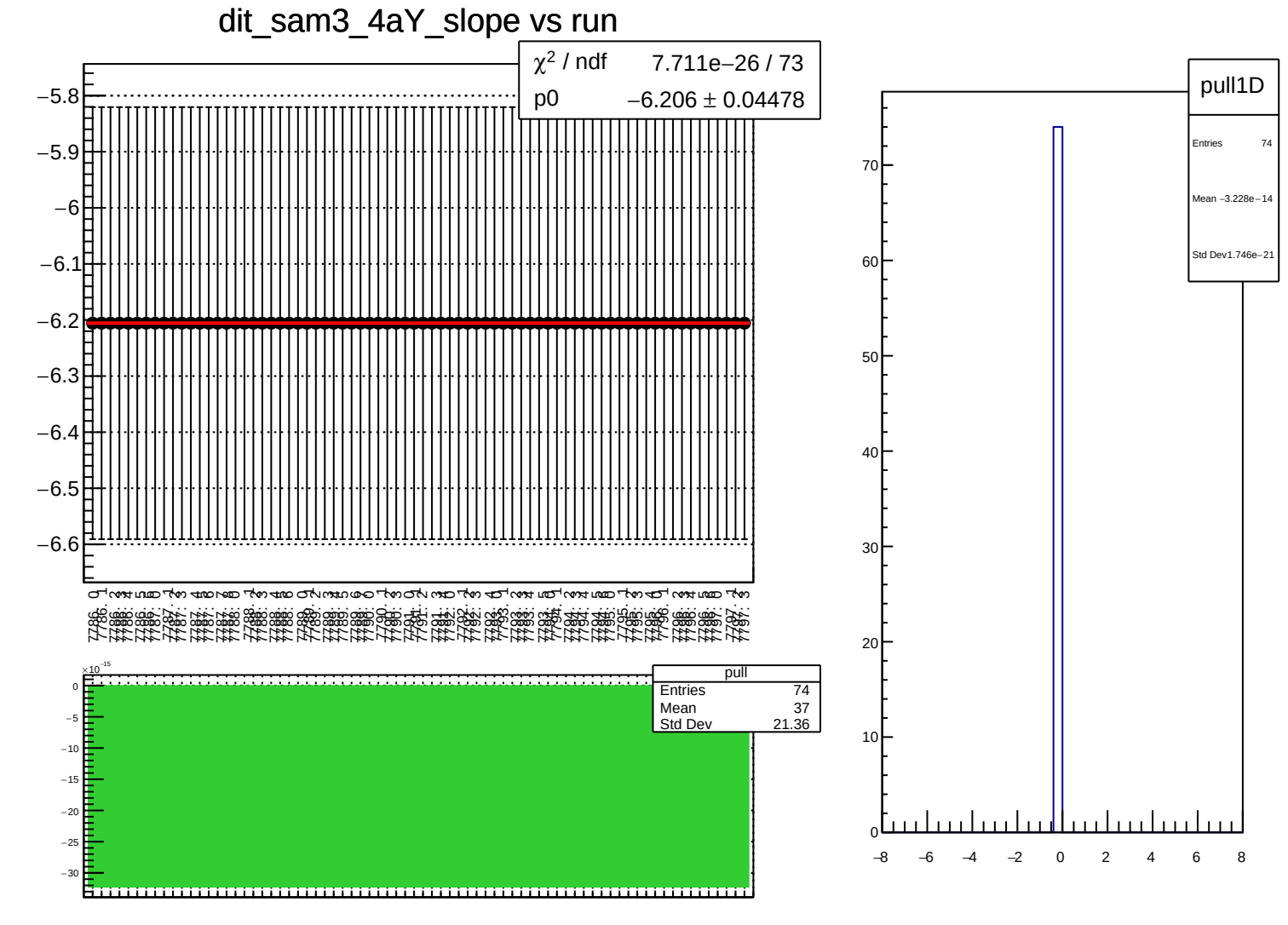

dit_sam2_4eY_slope vs run
χ² / ndf 6.218e−25 / 73
p0 −217.4 ± 0.2523
−215
−216
−217
−218
−219
−220
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−20
−40
−60
−80
pull1D
Entries 74
Mean −9.167e−14
Std Dev5.082e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

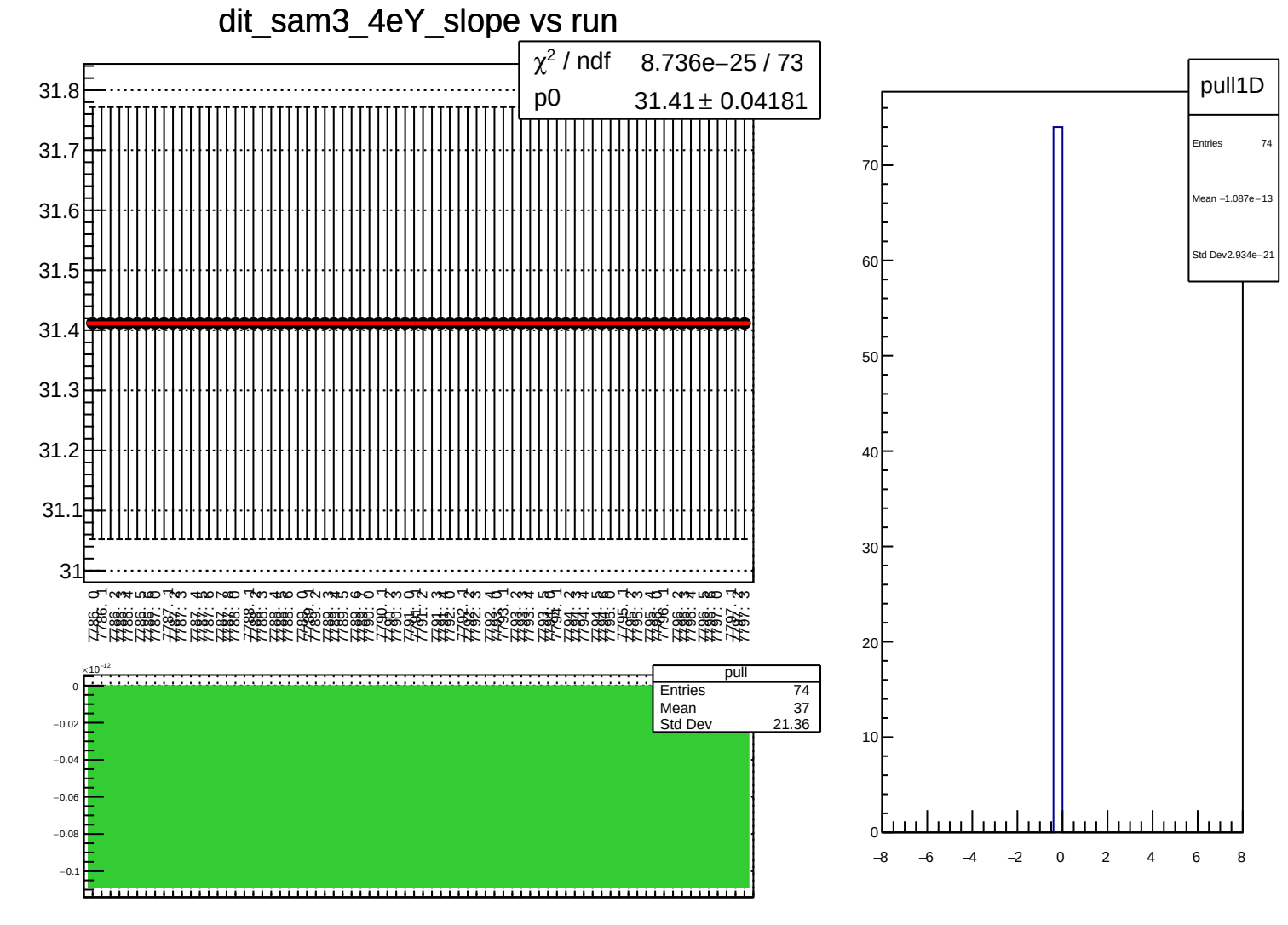

dit_sam3_4aX_slope vs run
χ² / ndf 3.08e−28 / 73
p0 −21.09 ± 0.2024
−19
−19.5
−20
−20.5
−21
−21.5
−22
−22.5
−23
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0

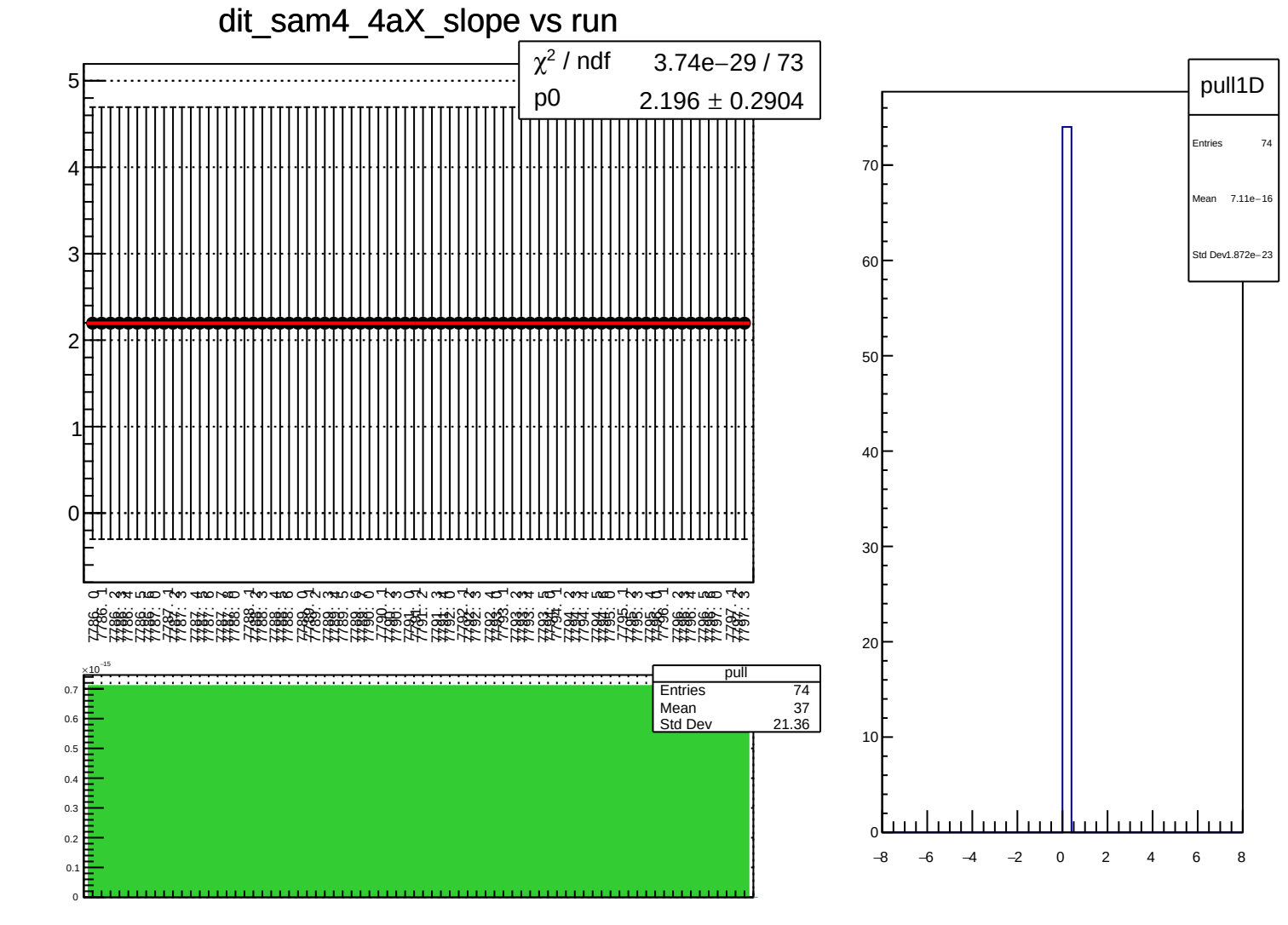

pull1D
Entries 74
Mean 2.04e−15
Std Dev 5.919e−23
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

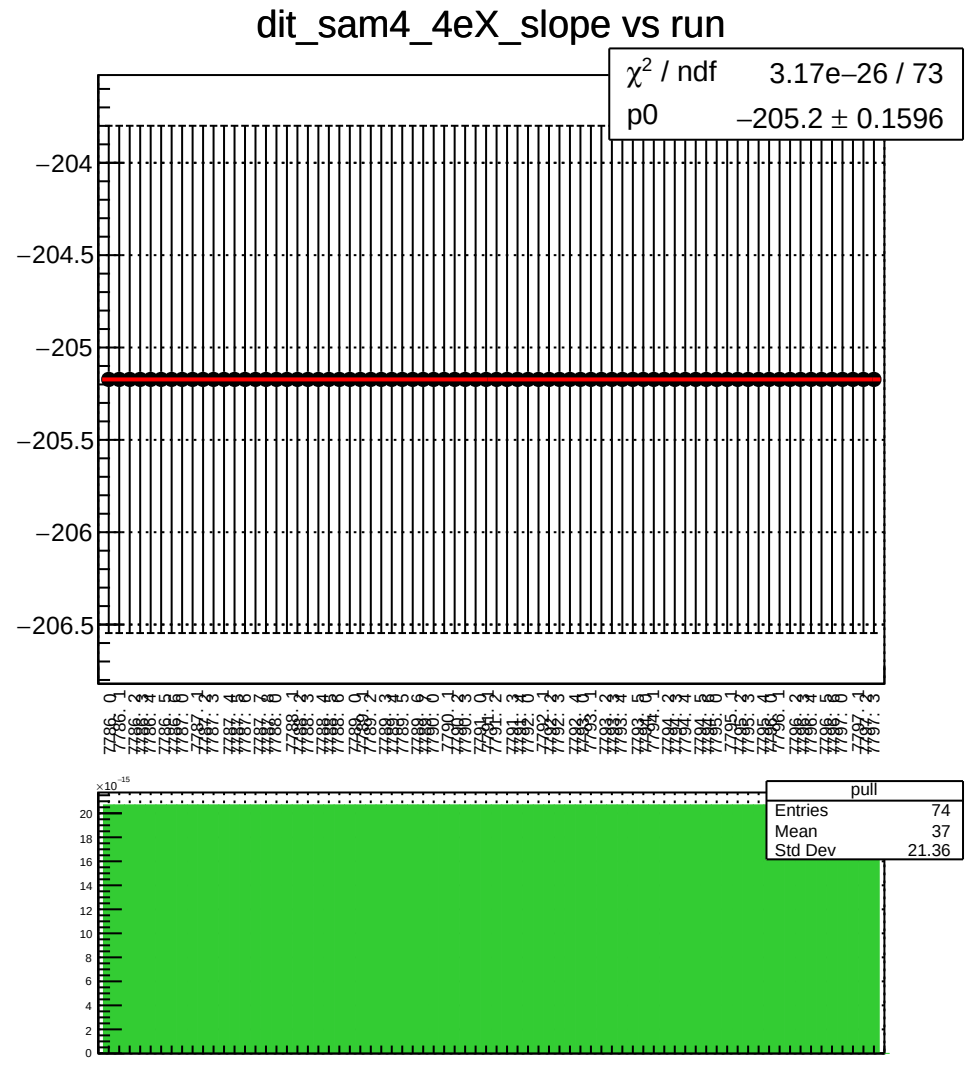

dit_sam3_4eX_slope vs run
χ² / ndf 3.124e−25 / 73
p0 −117 ± 0.1017
−116
−116.5
−117
−117.5
−118
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean 6.497e−14
Std Dev2.241e−21

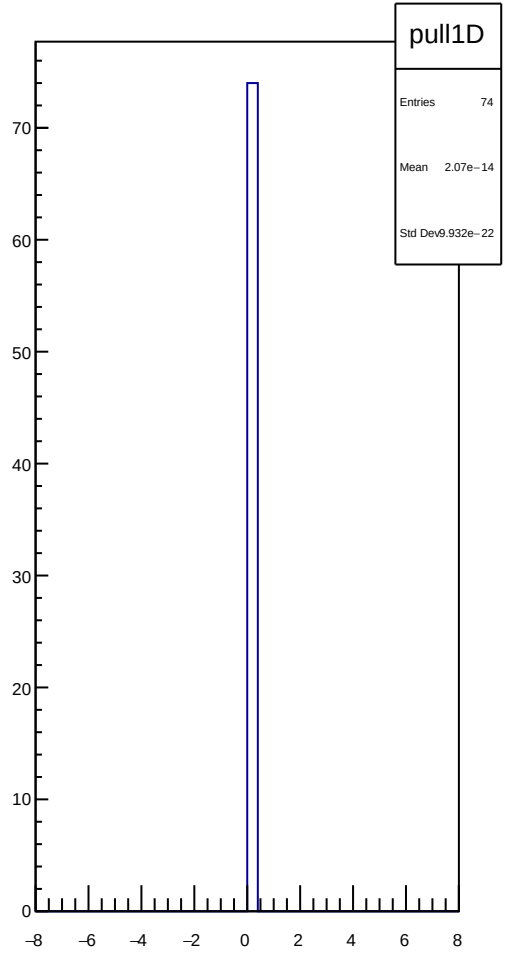

dit_sam3_11X12X_slope vs run
χ² / ndf 5.007e−28 / 73
p0 −1.586 ± 0.03969
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean −2.601e−15
Std Dev1.242e−22

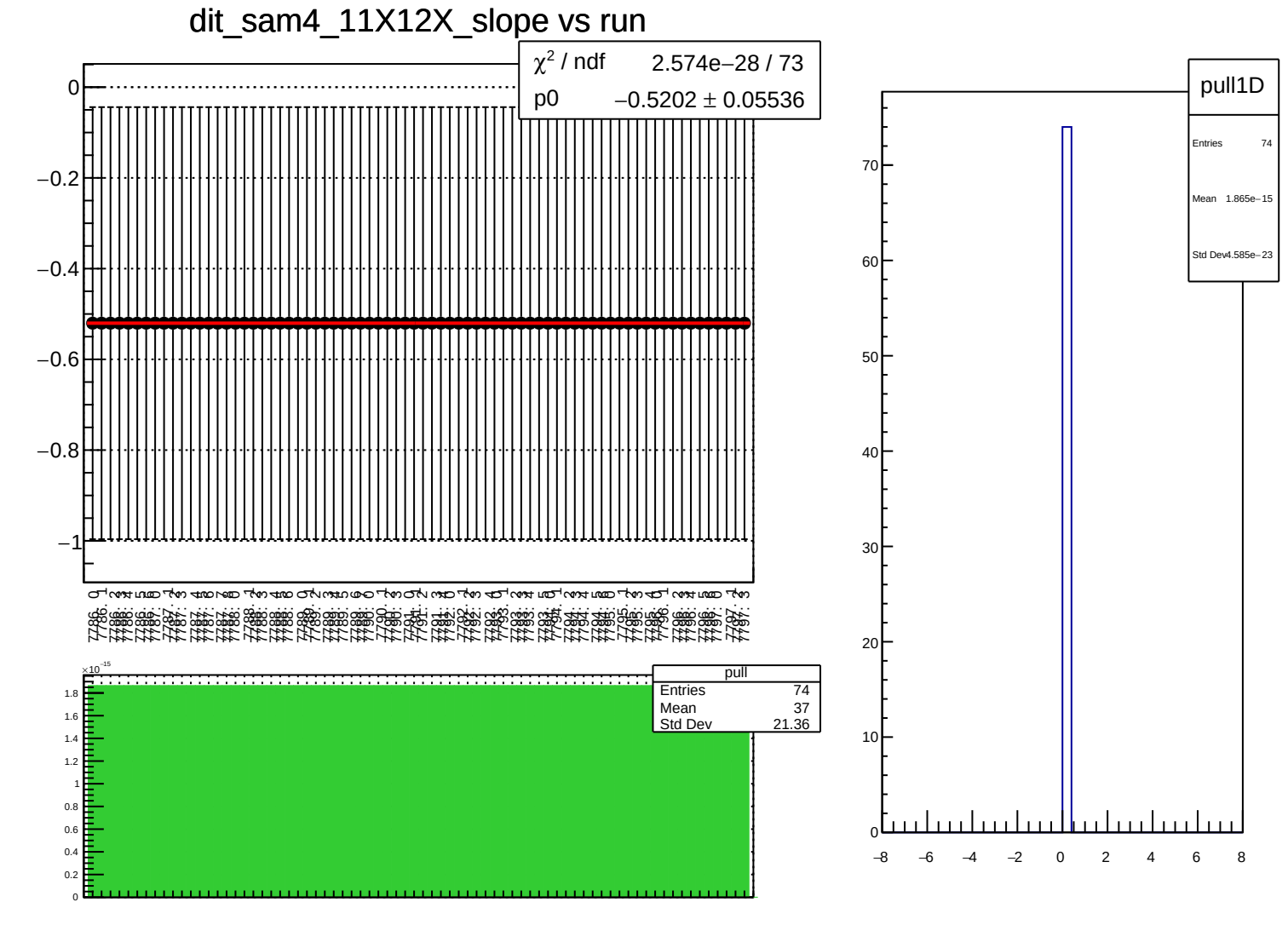

dit_sam3_4aY_slope vs run
χ² / ndf 7.711e−26 / 73
p0 −6.206 ± 0.04478
−5.8
−5.9
−6
−6.1
−6.2
−6.3
−6.4
−6.5
−6.6
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
pull1D
Entries 74
Mean −3.228e−14
Std Dev1.746e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

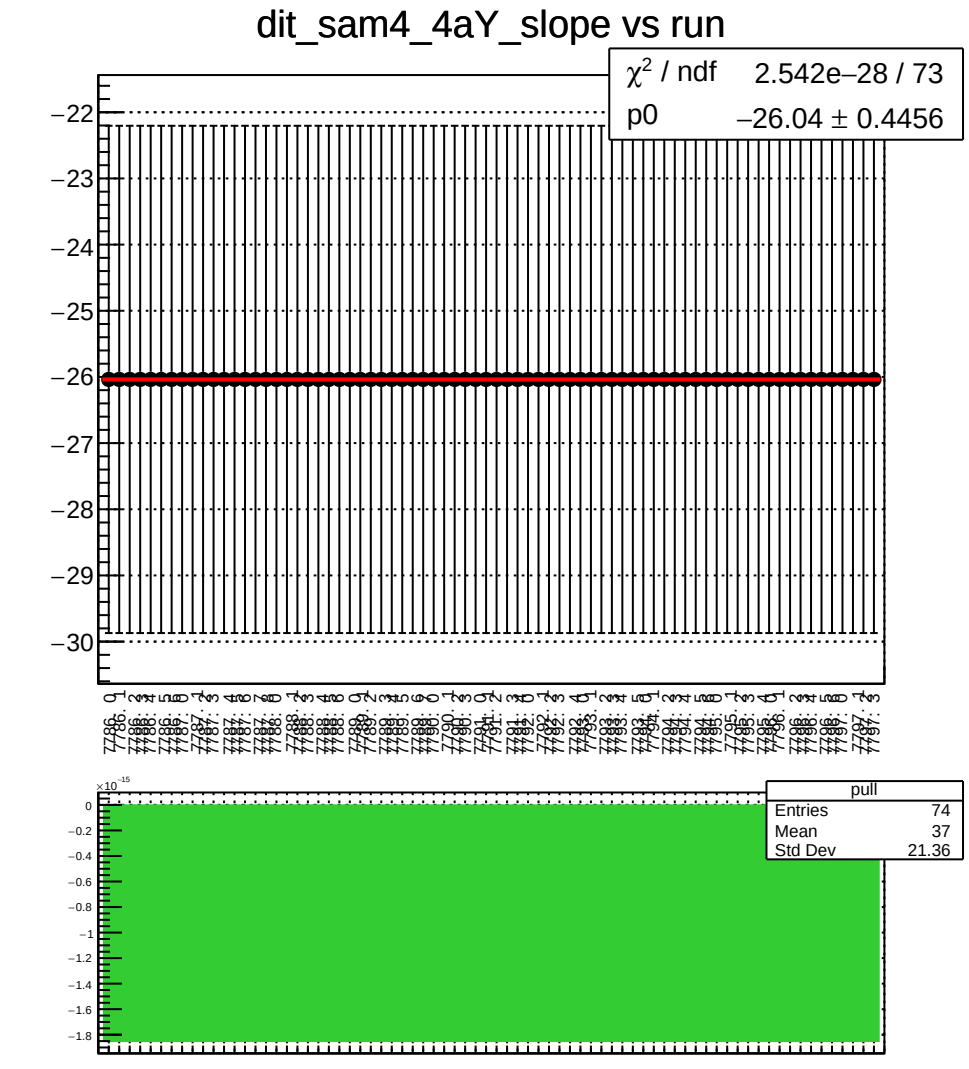

dit_sam3_4eY_slope vs run
$\chi^2$ / ndf 8.736e−25 / 73
p0 31.41 ± 0.04181
31.8
31.7
31.6
31.5
31.4
31.3
31.2
31.1
31
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
pull1D
Entries 74
Mean −1.087e−13
Std Dev2.934e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

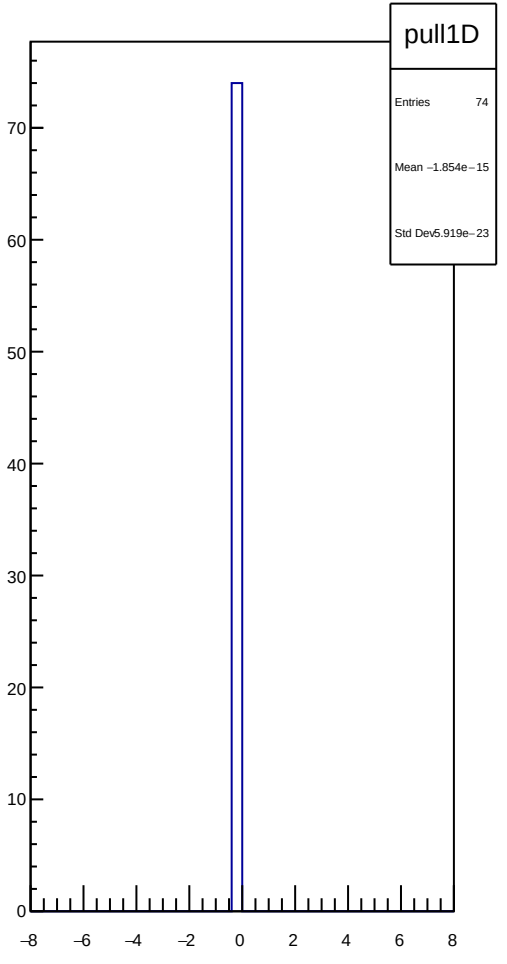

dit_sam4_4aX_slope vs run
χ² / ndf 3.74e−29 / 73
p0 2.196 ± 0.2904
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean 7.11e−16
Std Dev1.872e−23

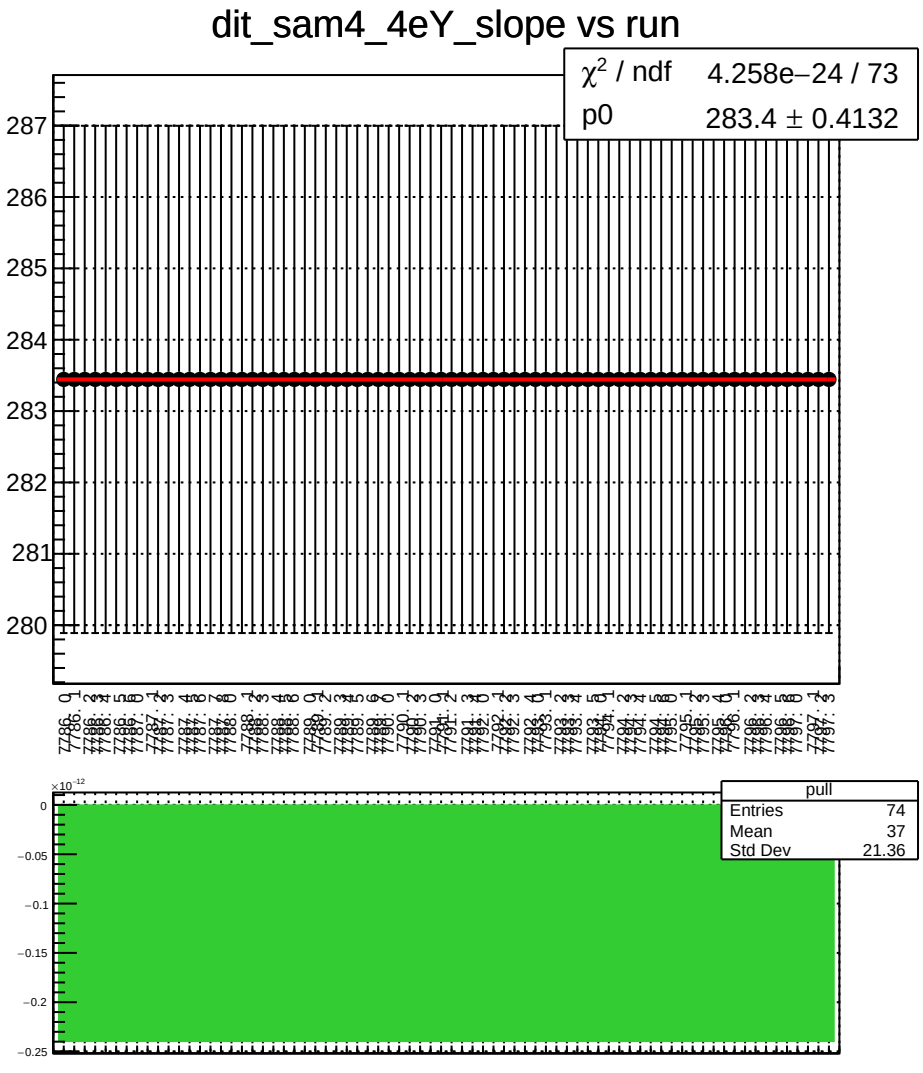

dit_sam4_4eX_slope vs run
χ² / ndf 3.17e−26 / 73
p0 −205.2 ± 0.1596
−204
−204.5
−205
−205.5
−206
−206.5
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
20
18
16
14
12
10
8
6
4
2
0

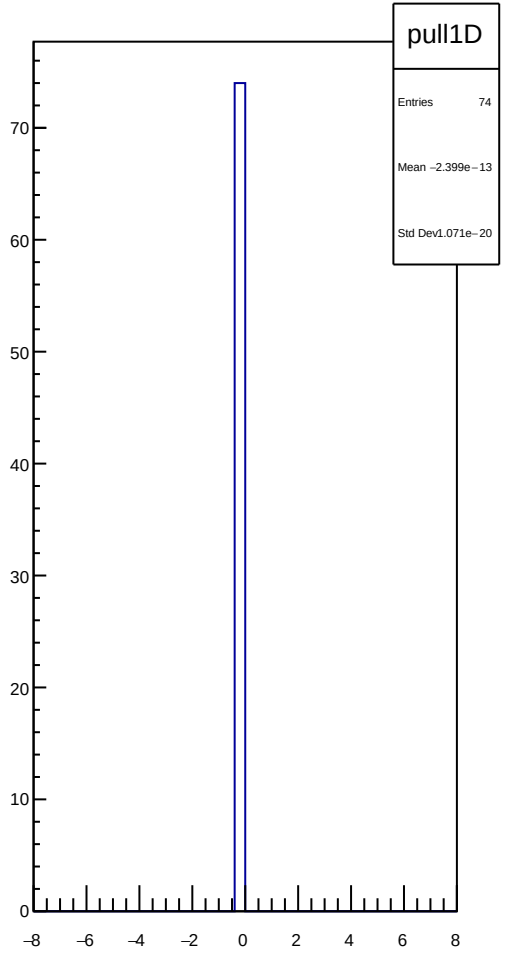

pull1D
Entries 74
Mean 2.07e−14
Std Dev 9.932e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

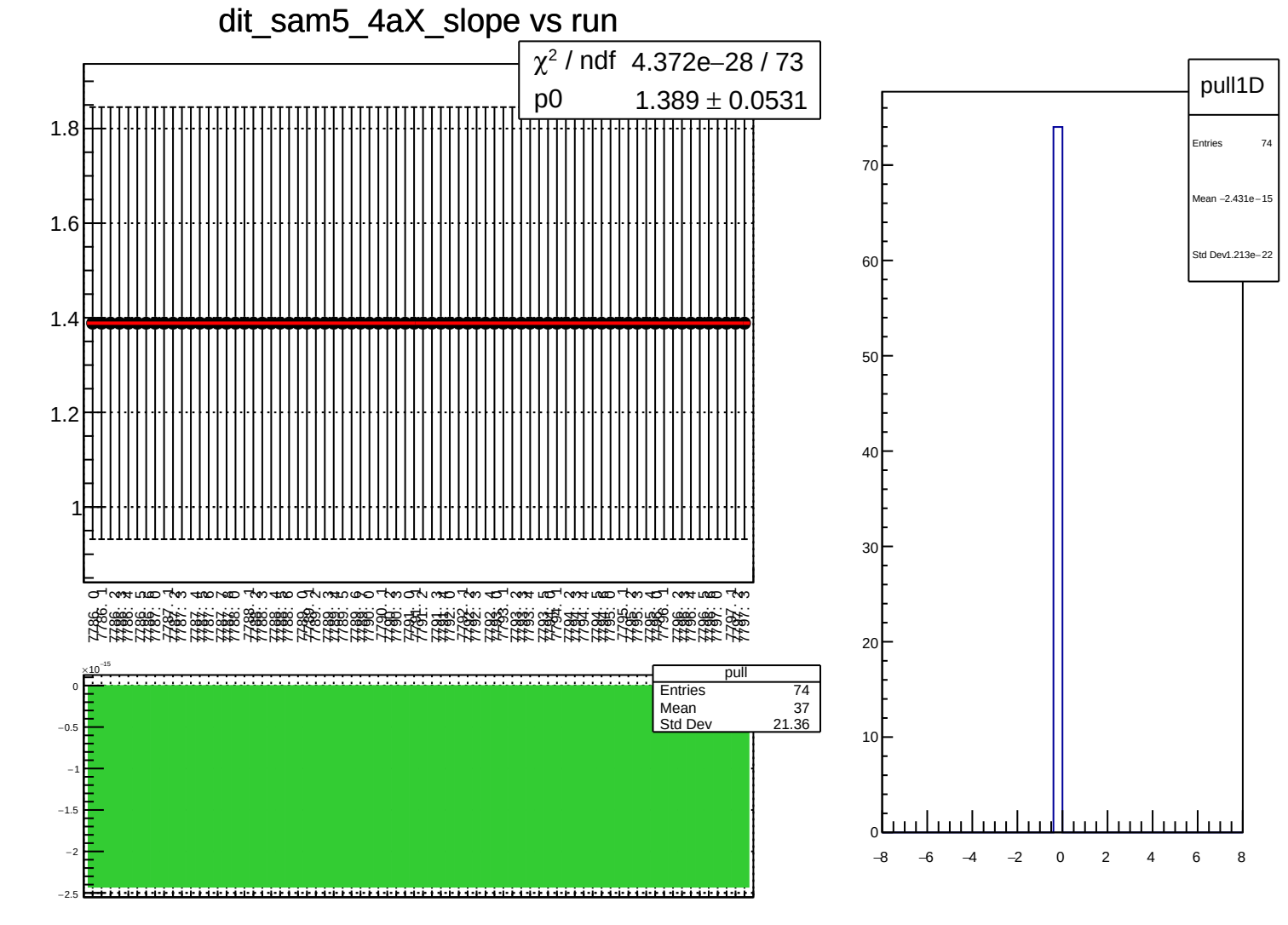

dit_sam4_11X12X_slope vs run
χ² / ndf 2.574e−28 / 73
p0 −0.5202 ± 0.05536
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean 1.865e−15
Std Dev 4.585e−23

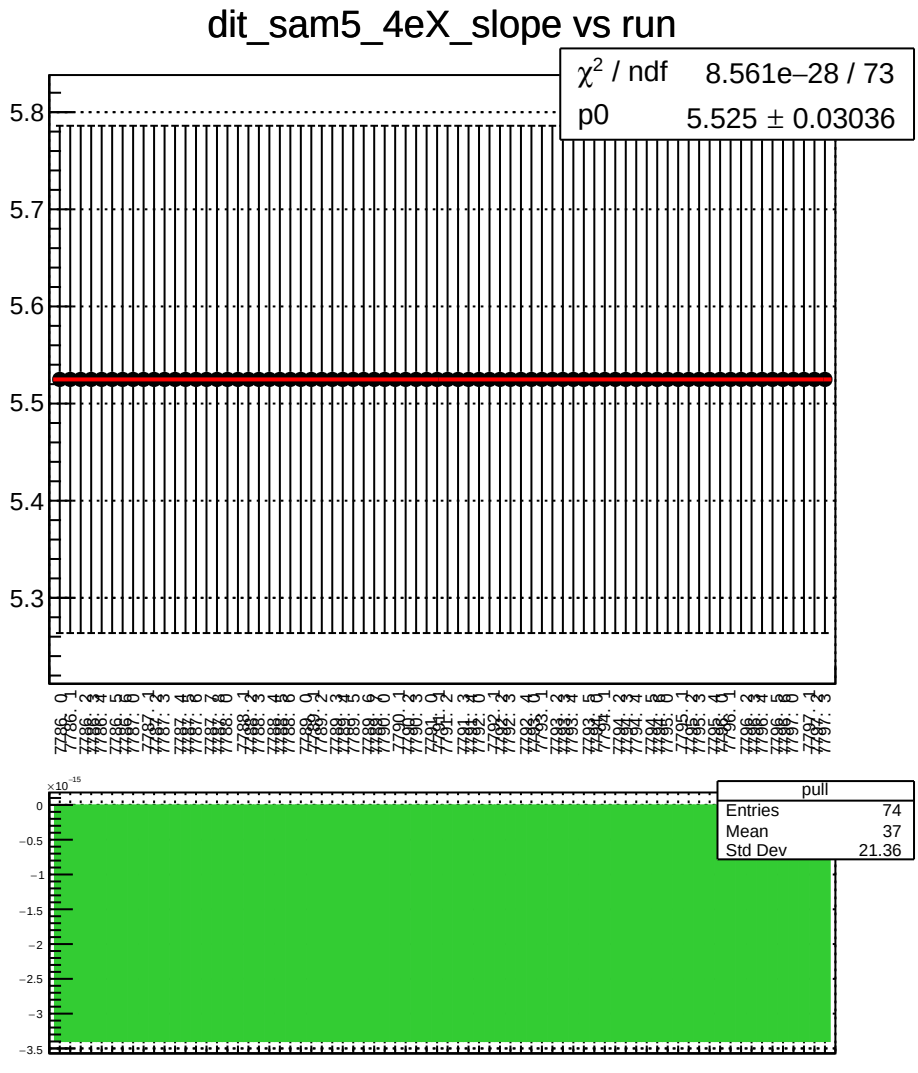

dit_sam4_4aY_slope vs run
χ² / ndf 2.542e−28 / 73
p0 −26.04 ± 0.4456
−22
−23
−24
−25
−26
−27
−28
−29
−30
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2
−1.4
−1.6
−1.8

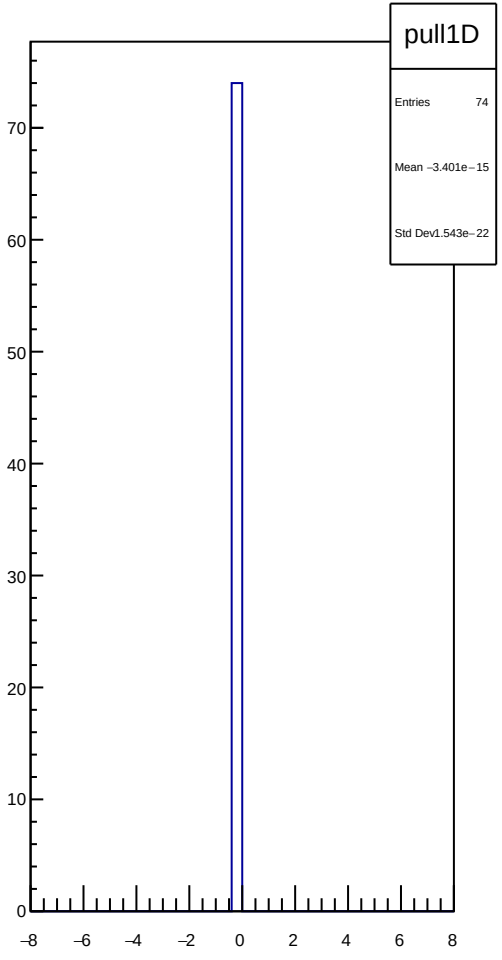

pull1D
Entries 74
Mean −1.854e−15
Std Dev 5.919e−23
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

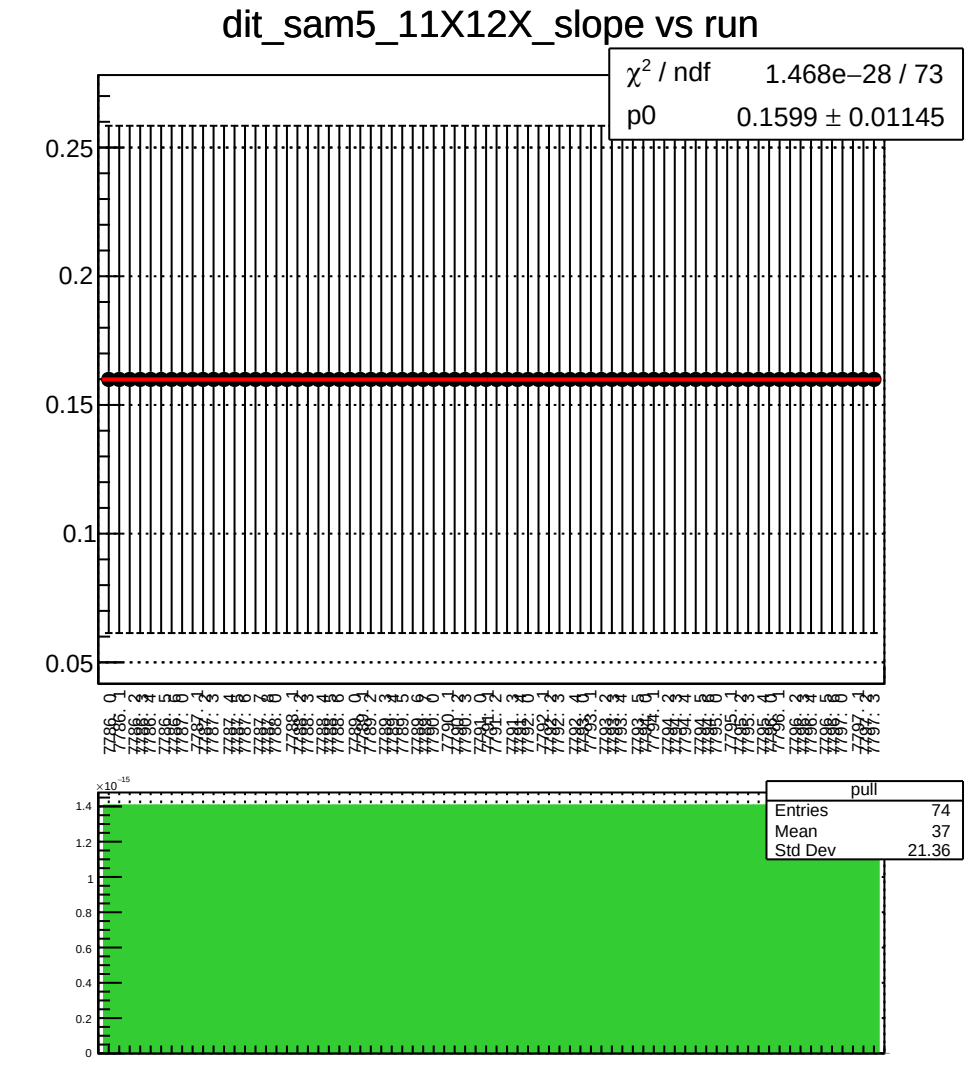

dit_sam4_4eY_slope vs run
χ² / ndf 4.258e−24 / 73
p0 283.4 ± 0.4132
287
286
285
284
283
282
281
280
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2
−0.25

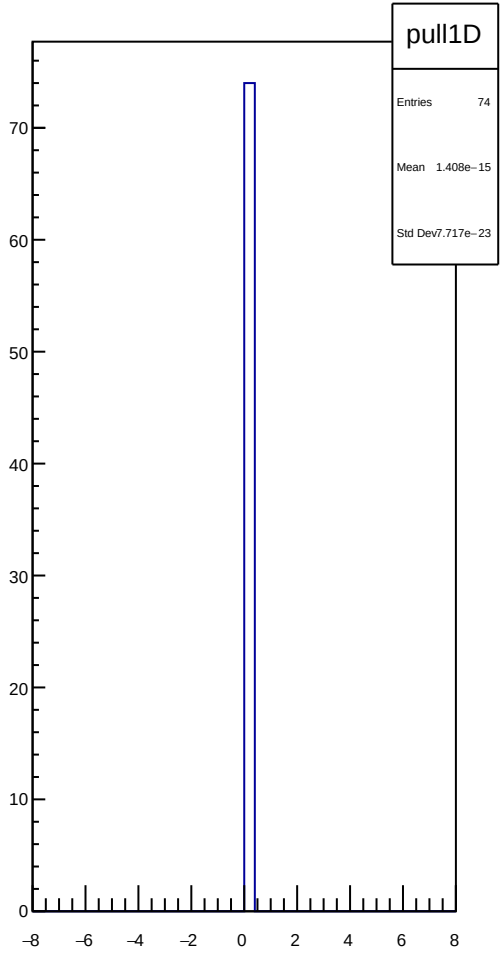

pull1D
Entries 74
Mean −2.399e−13
Std Dev1.071e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

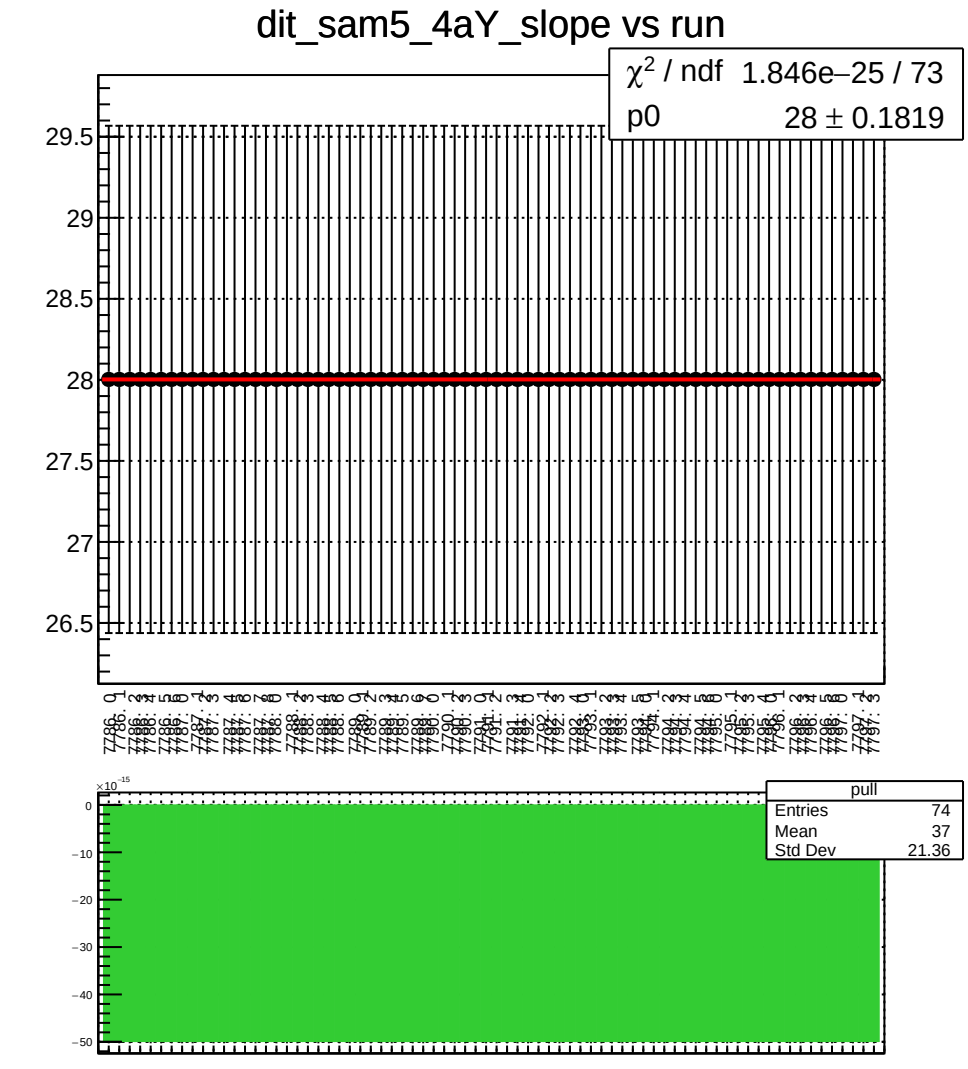

dit_sam5_4aX_slope vs run
χ² / ndf 4.372e−28 / 73
p0 1.389 ± 0.0531
1.8
1.6
1.4
1.2
1
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−0.5
−1
−1.5
−2
−2.5
pull1D
Entries 74
Mean −2.431e−15
Std Dev1.213e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

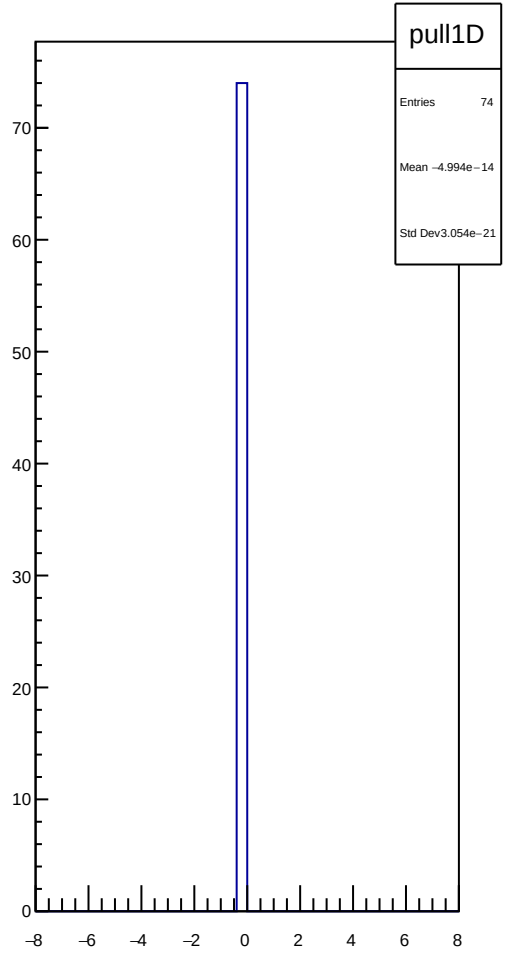

dit_sam5_4eX_slope vs run
χ² / ndf 8.561e−28 / 73
p0 5.525 ± 0.03036
5.8
5.7
5.6
5.5
5.4
5.3
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−0.5
−1
−1.5
−2
−2.5
−3
−3.5

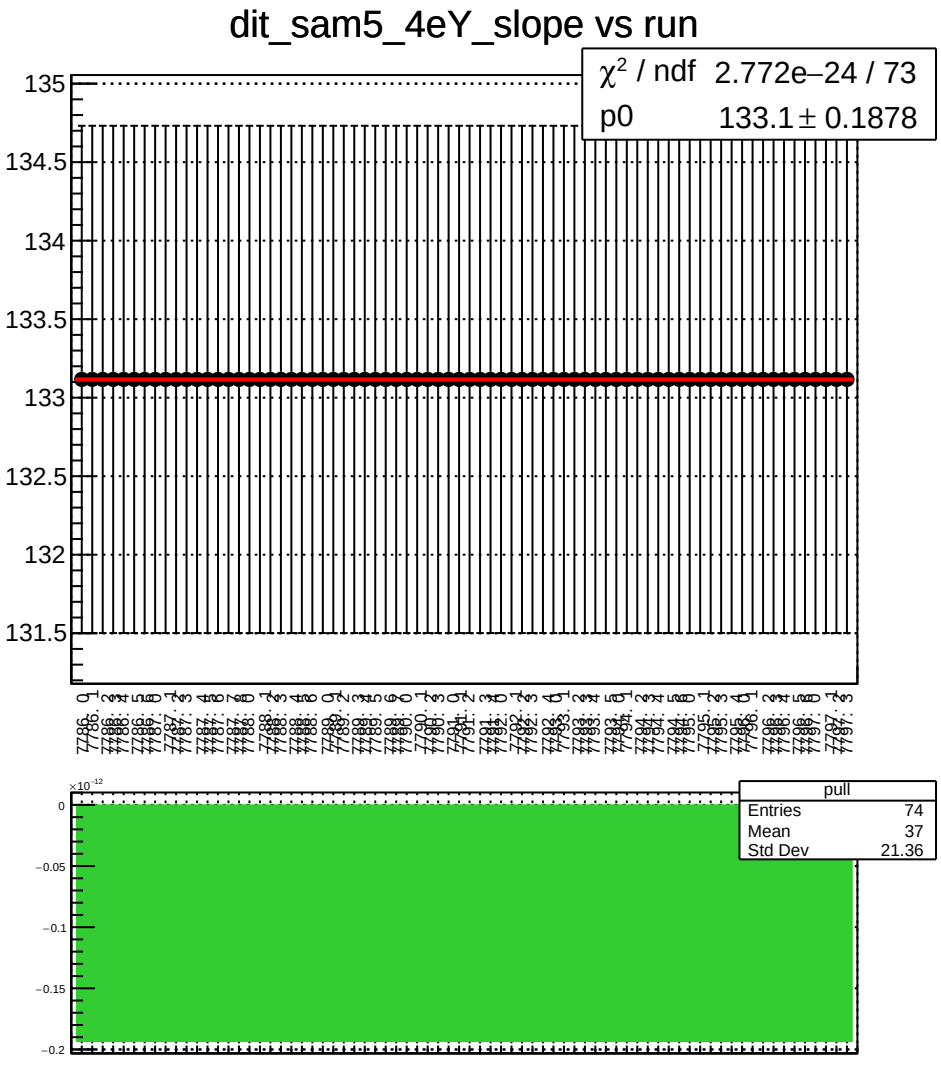

pull1D
Entries 74
Mean −3.401e−15
Std Dev1.543e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

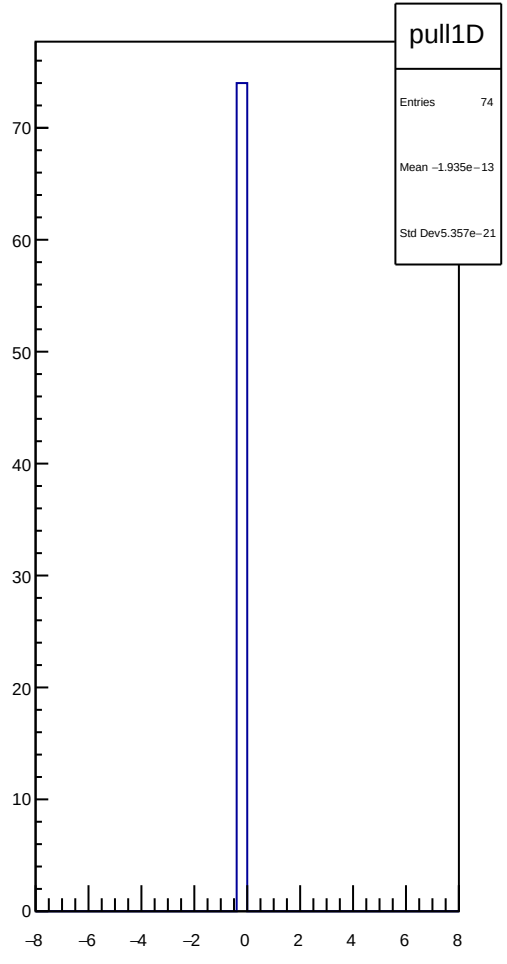

dit_sam5_11X12X_slope vs run
χ² / ndf 1.468e−28 / 73
p0 0.1599 ± 0.01145
0.25
0.2
0.15
0.1
0.05
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
1.4
1.2
1
0.8
0.6
0.4
0.2
0

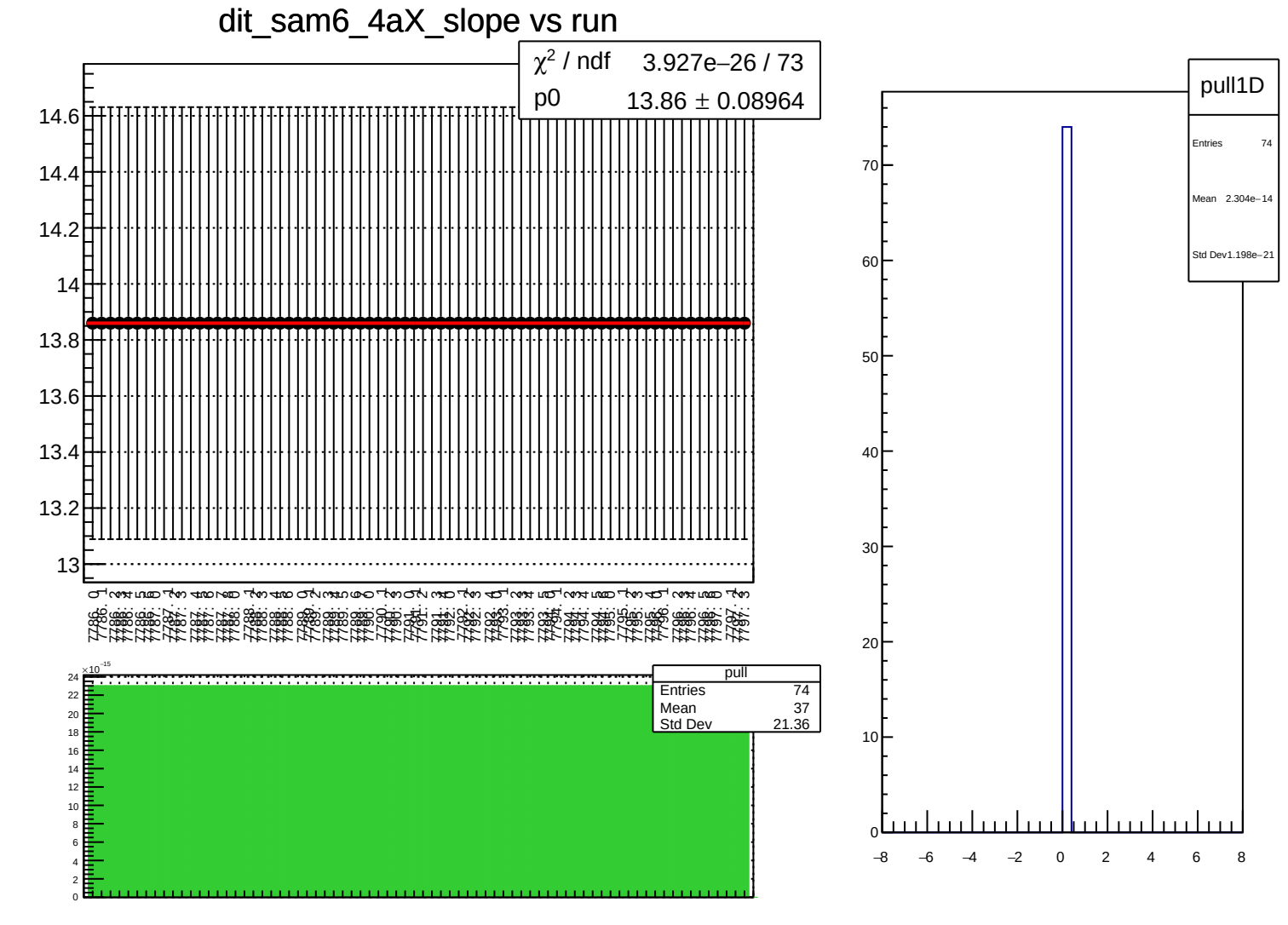

pull1D
Entries 74
Mean 1.408e−15
Std Dev7.717e−23
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

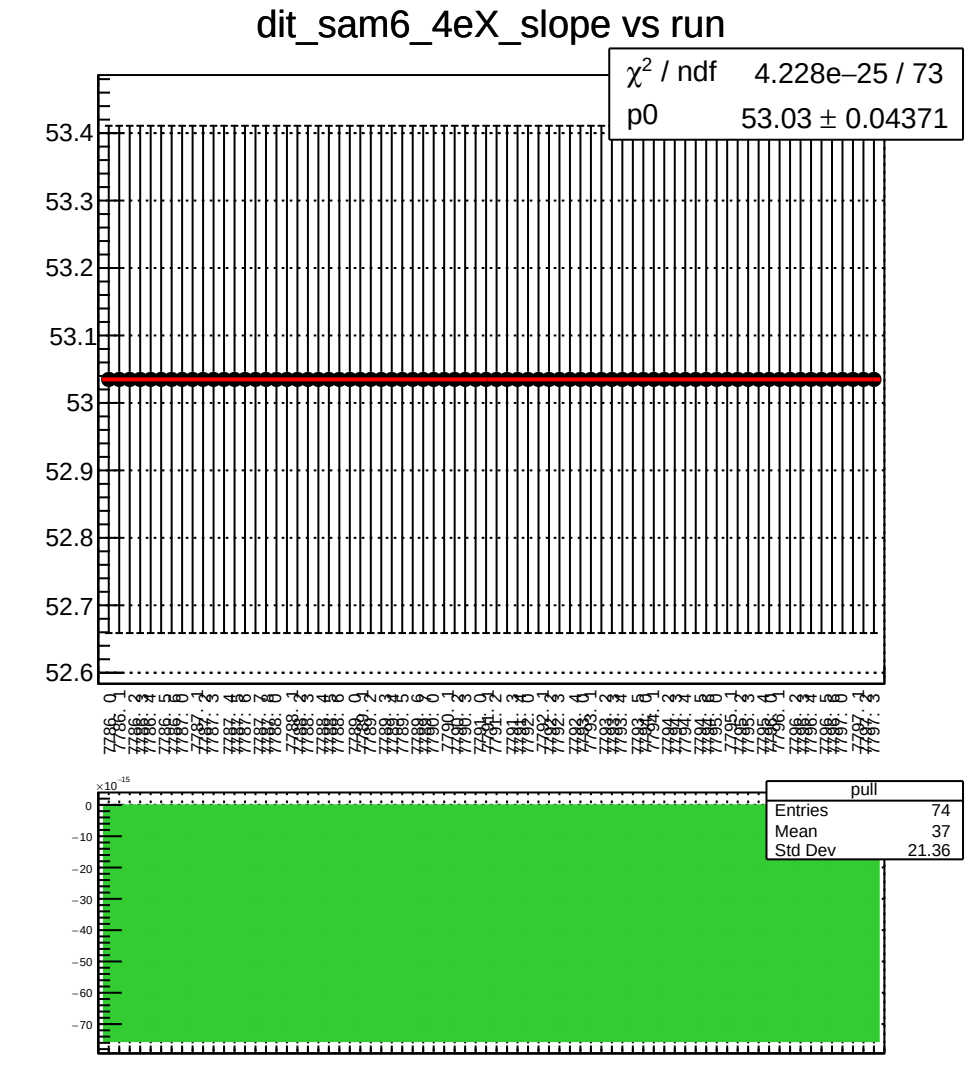

dit_sam5_4aY_slope vs run
χ² / ndf 1.846e−25 / 73
p0 28 ± 0.1819
29.5
29
28.5
28
27.5
27
26.5
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−10
−20
−30
−40
−50

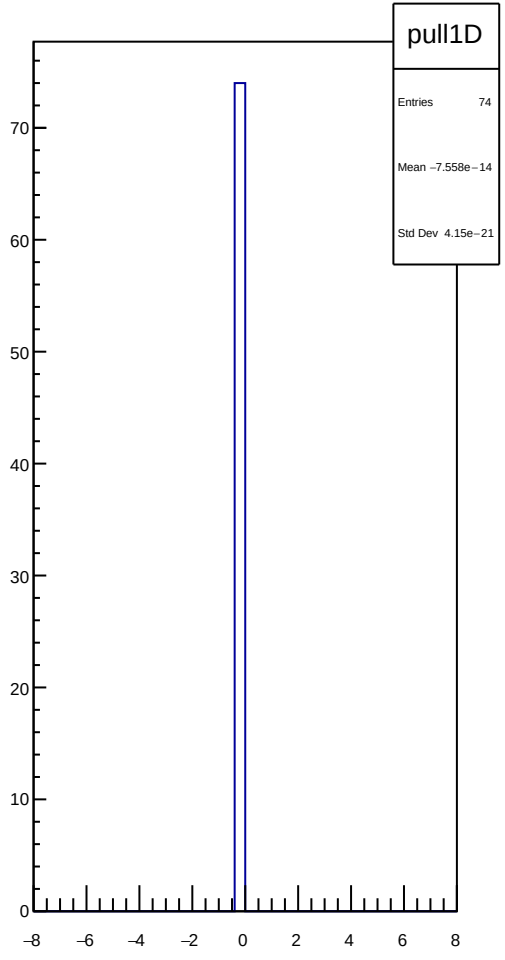

pull1D
Entries 74
Mean −4.994e−14
Std Dev3.054e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

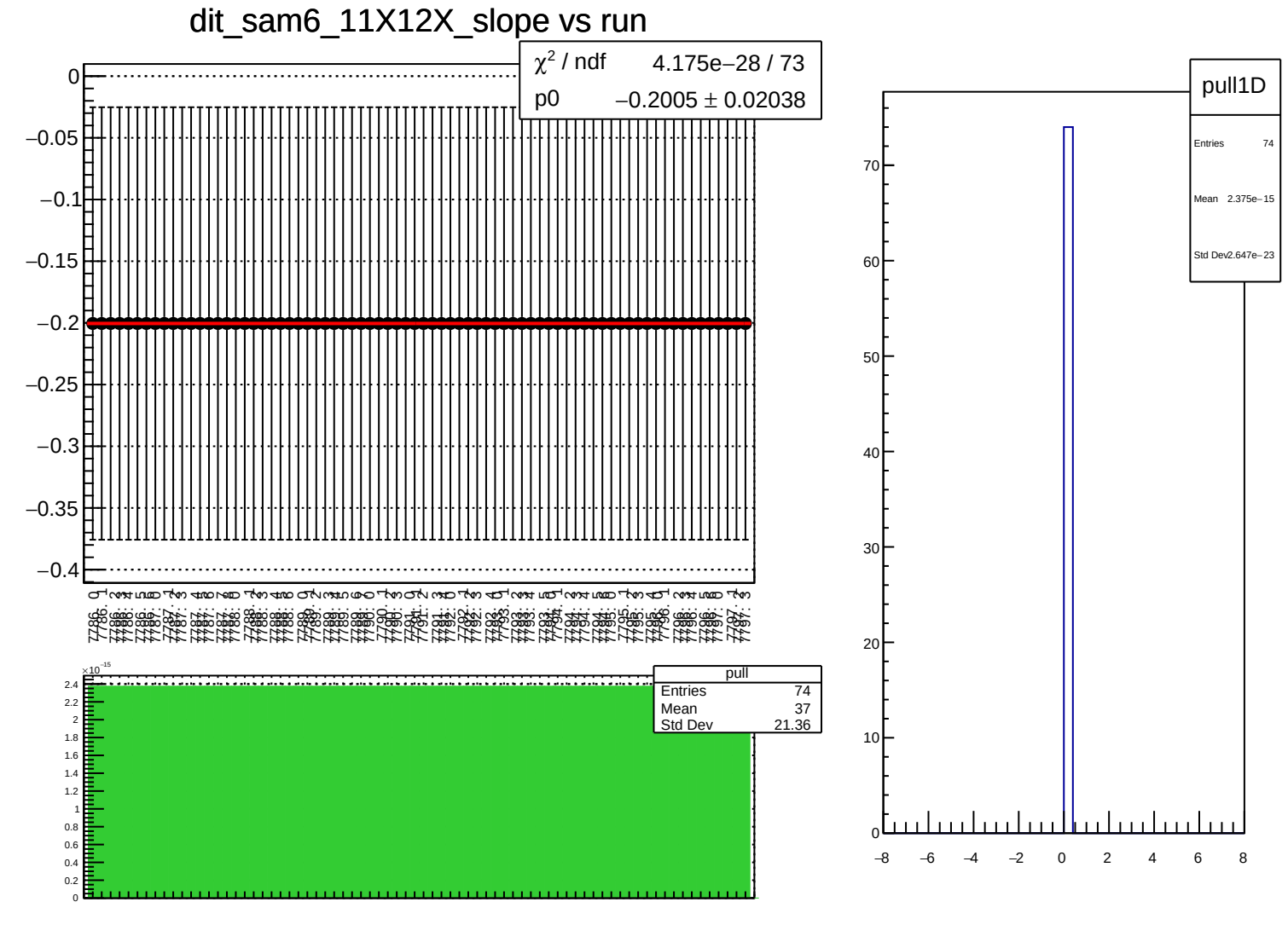

dit_sam5_4eY_slope vs run
$\chi^2$ / ndf 2.772e−24 / 73
p0 133.1 ± 0.1878
135
134.5
134
133.5
133
132.5
132
131.5
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0
−0.05
−0.1
−0.15
−0.2

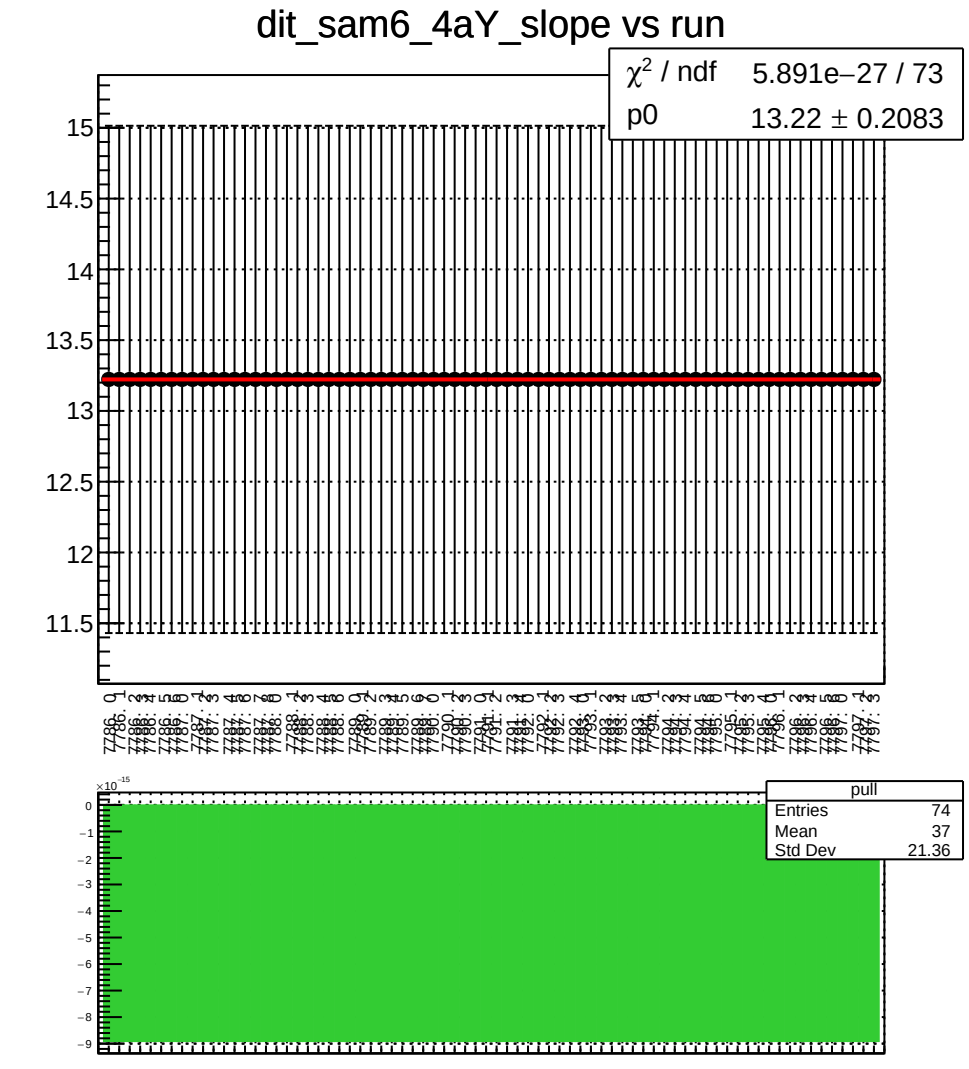

pull1D
Entries 74
Mean −1.935e−13
Std Dev5.357e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

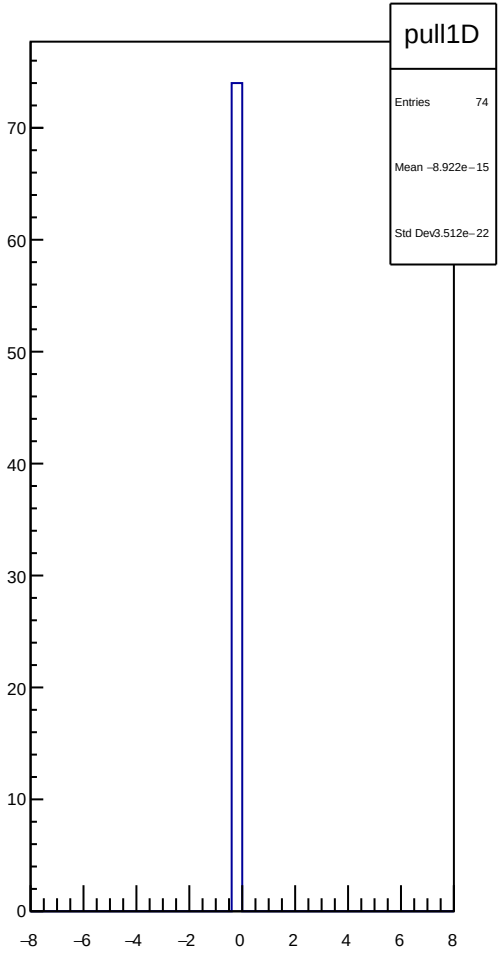

dit_sam6_4aX_slope vs run
χ² / ndf 3.927e−26 / 73
p0 13.86 ± 0.08964
14.6
14.4
14.2
14
13.8
13.6
13.4
13.2
13
×10⁻¹⁵
24
22
20
18
16
14
12
10
8
6
4
2
0
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean 2.304e−14
Std Dev1.198e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

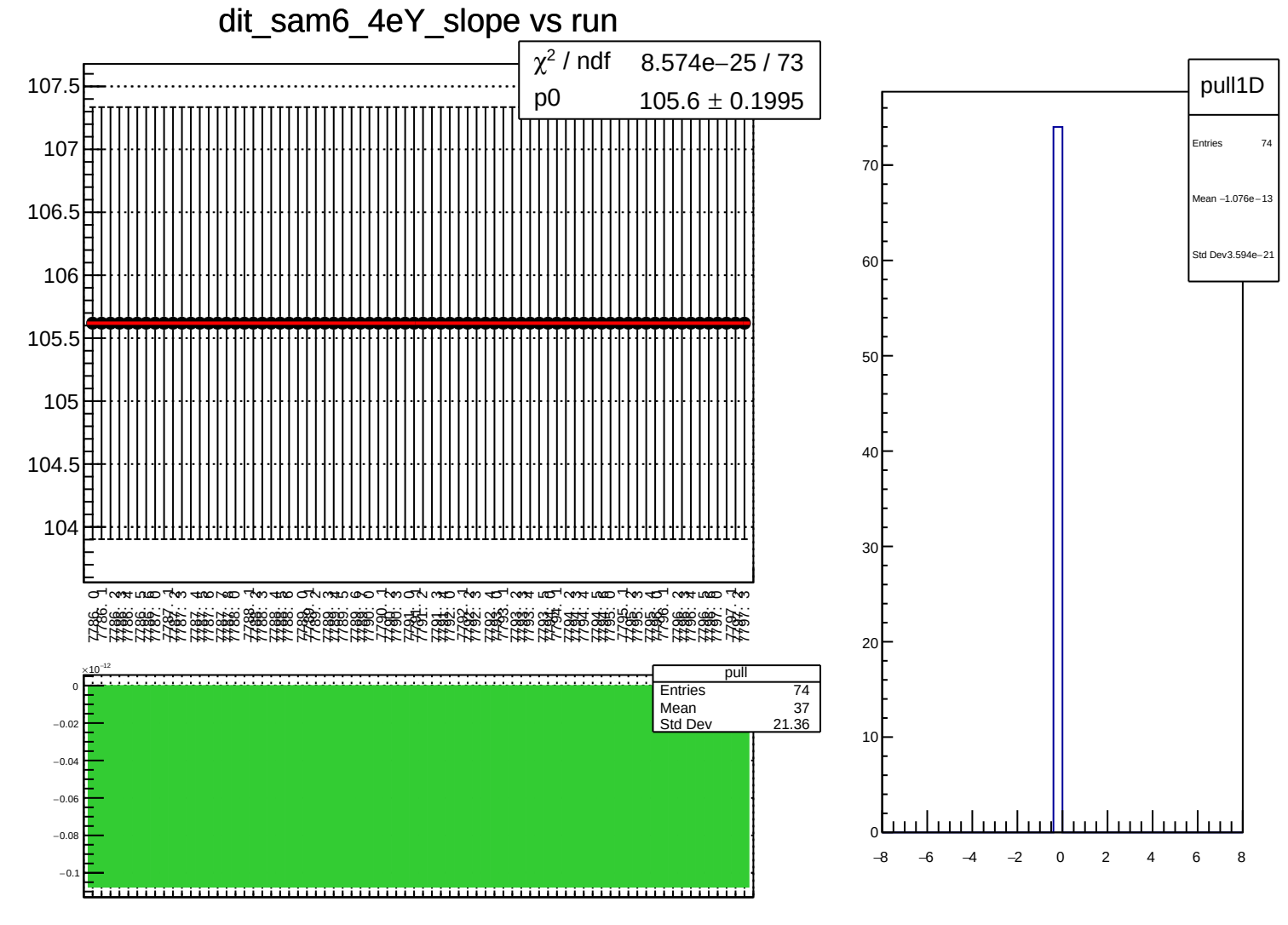

dit_sam6_4eX_slope vs run
χ² / ndf 4.228e−25 / 73
p0 53.03 ± 0.04371
53.4
53.3
53.2
53.1
53
52.9
52.8
52.7
52.6
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−10
−20
−30
−40
−50
−60
−70

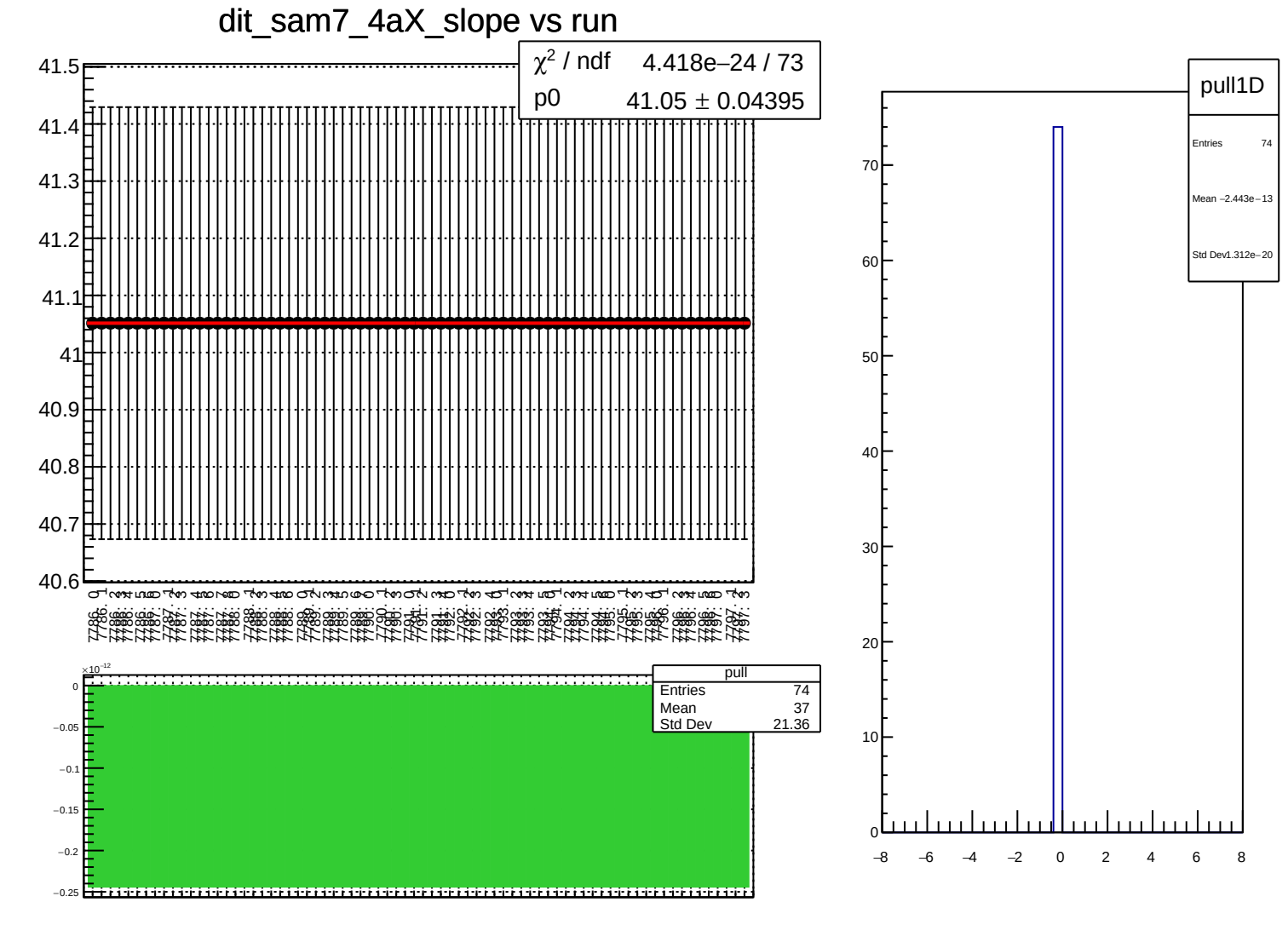

pull1D
Entries 74
Mean −7.558e−14
Std Dev 4.15e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

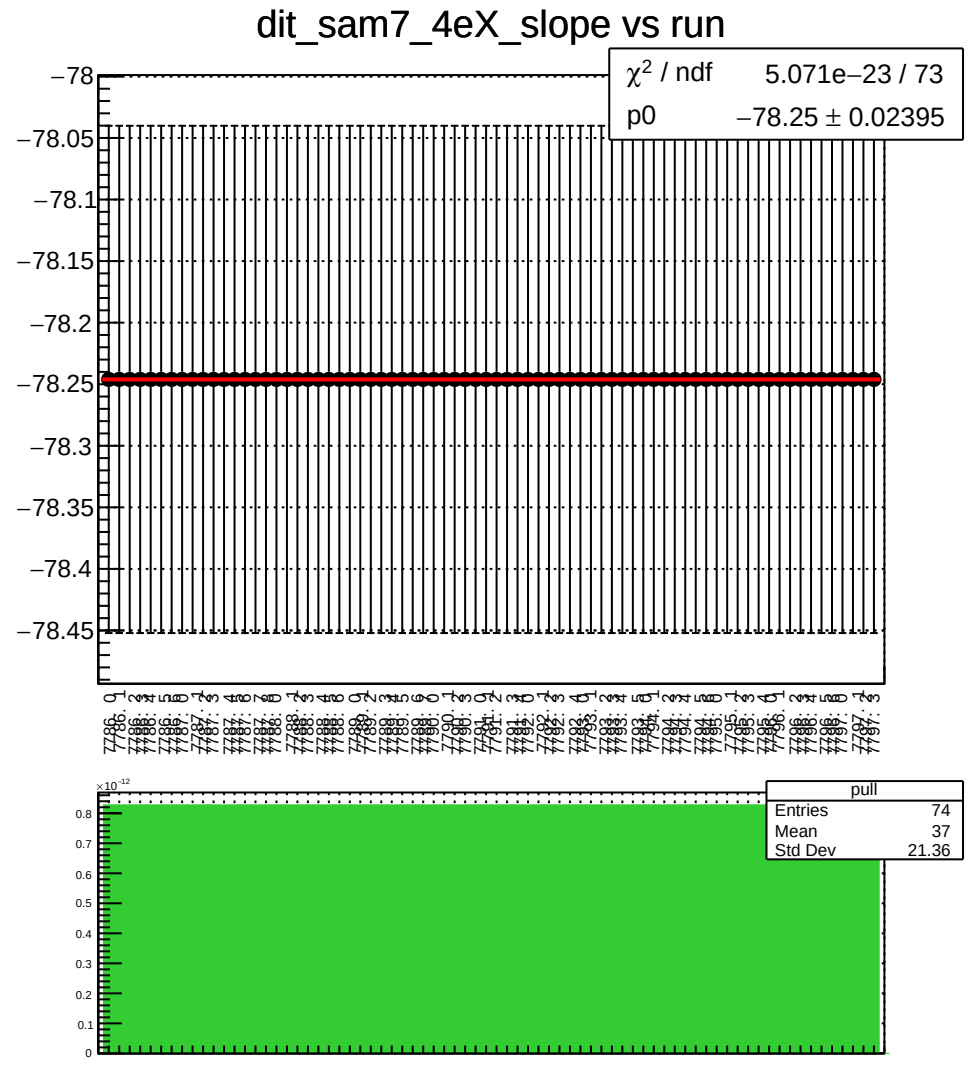

dit_sam6_11X12X_slope vs run
χ² / ndf 4.175e−28 / 73
p0 −0.2005 ± 0.02038
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean 2.375e−15
Std Dev 2.647e−23

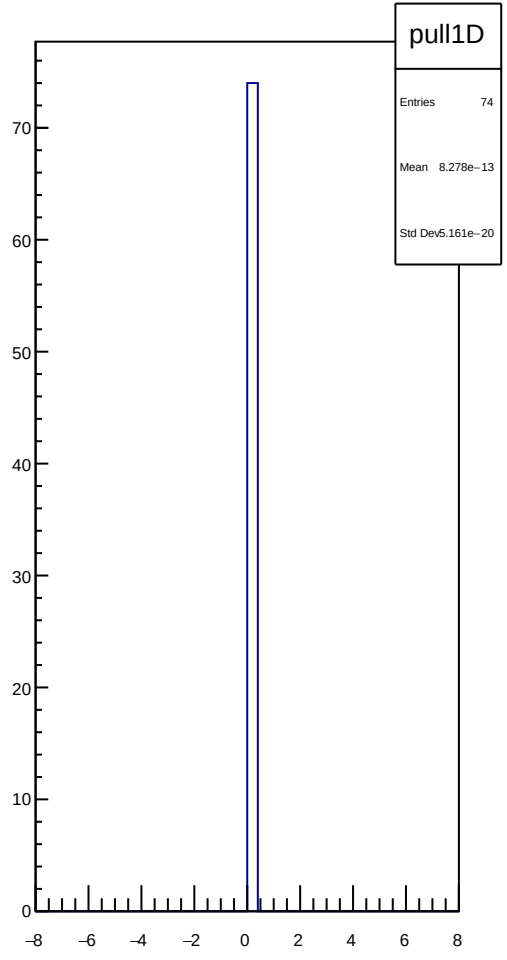

dit_sam6_4aY_slope vs run
χ² / ndf 5.891e−27 / 73
p0 13.22 ± 0.2083
pull
Entries 74
Mean 37
Std Dev 21.36

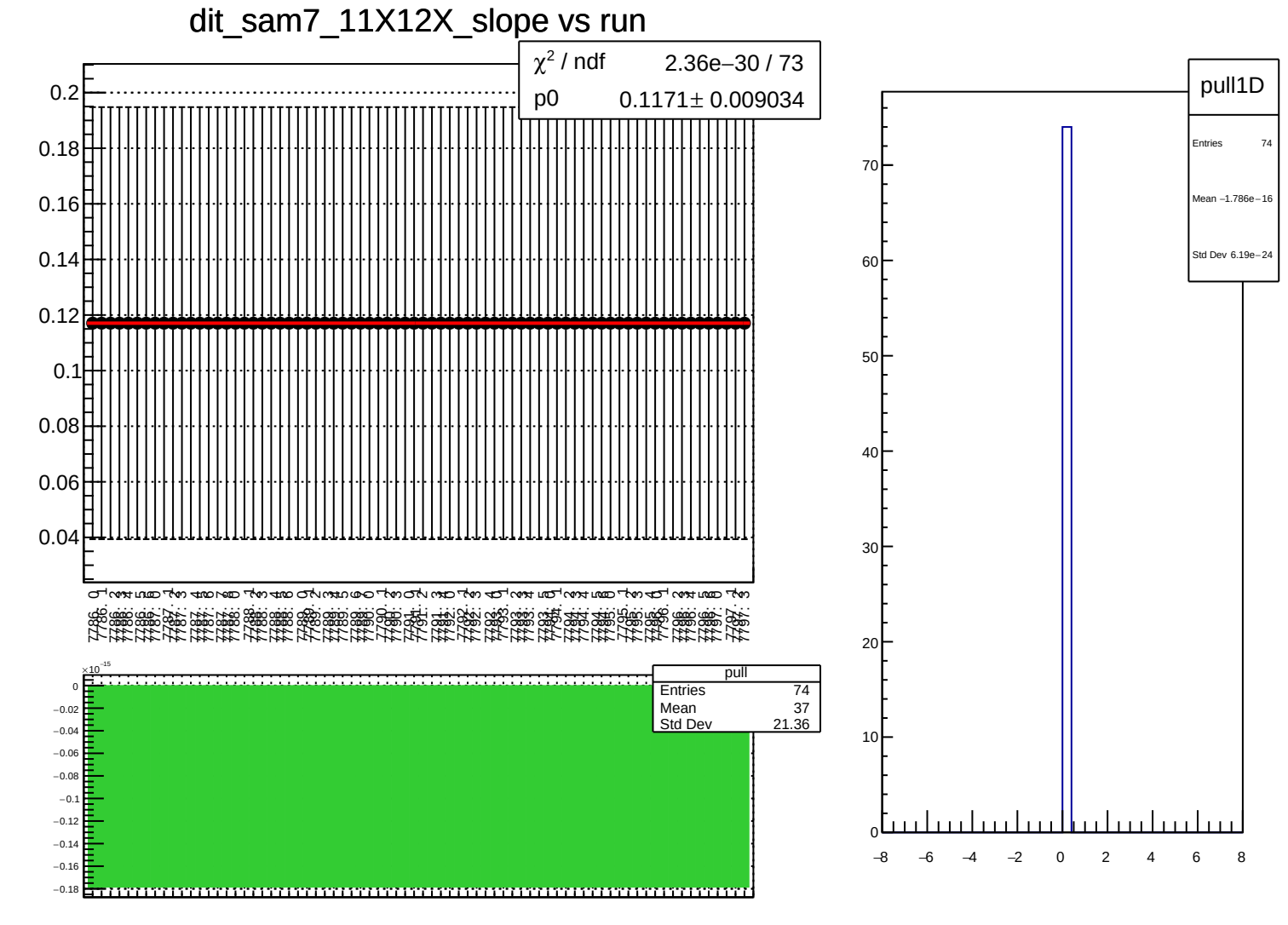

pull1D
Entries 74
Mean −8.922e−15
Std Dev3.512e−22

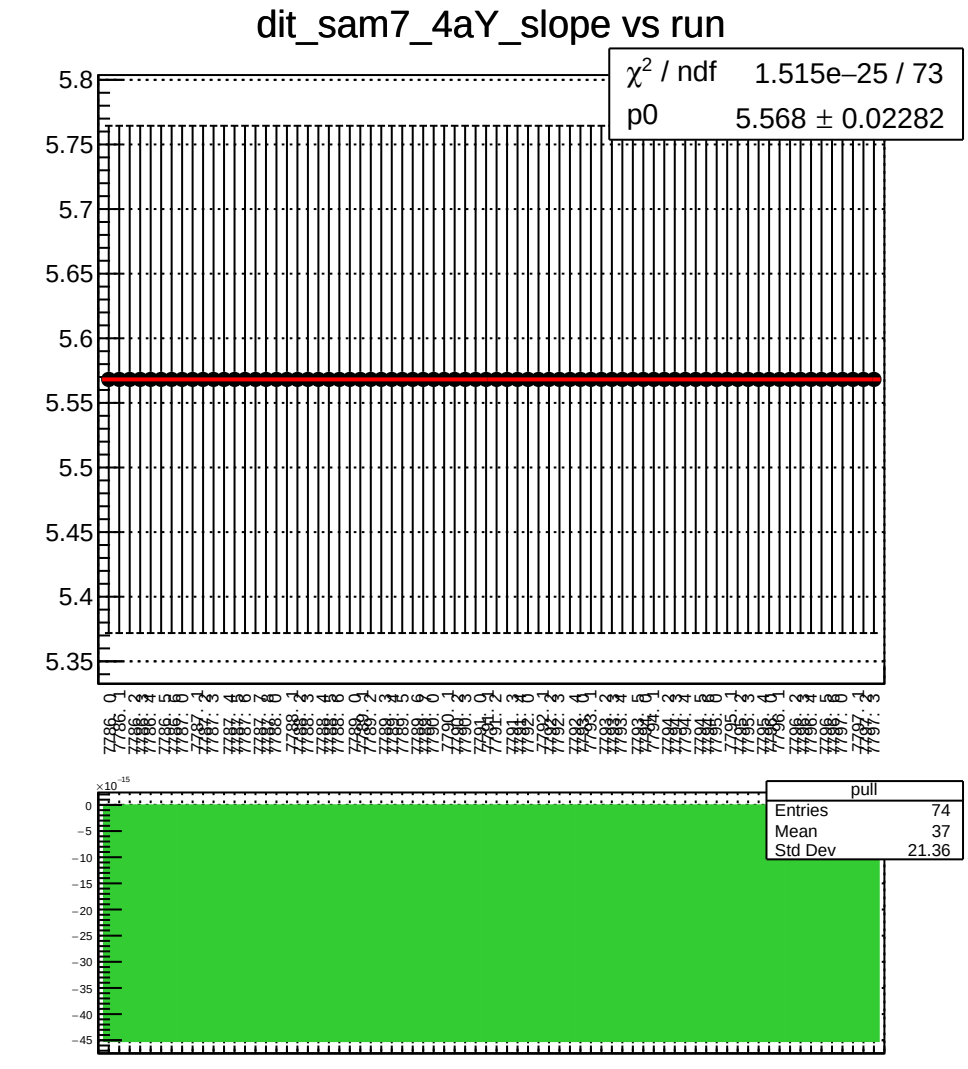

dit_sam6_4eY_slope vs run
χ² / ndf 8.574e−25 / 73
p0 105.6 ± 0.1995
107.5
107
106.5
106
105.5
105
104.5
104
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0
−0.02
−0.04
−0.06
−0.08
−0.1
pull1D
Entries 74
Mean −1.076e−13
Std Dev3.594e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

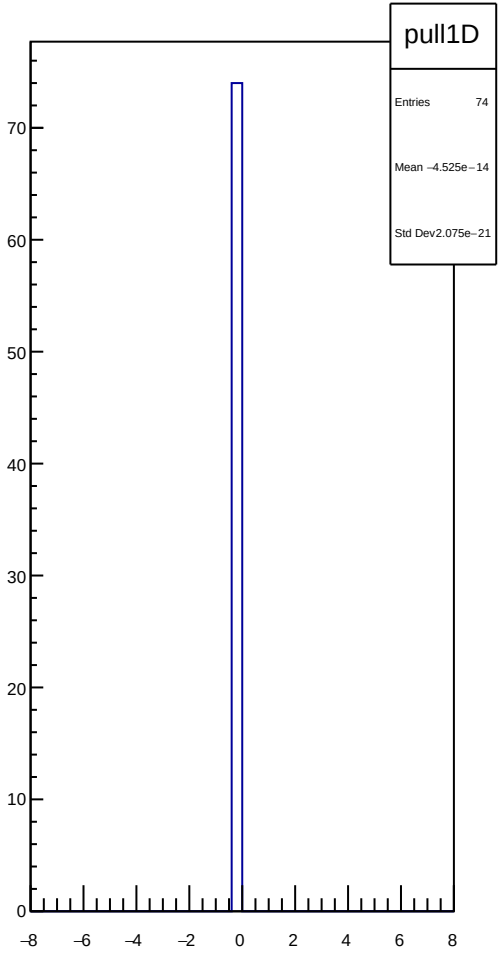

dit_sam7_4aX_slope vs run
$\chi^2$ / ndf 4.418e−24 / 73
p0 41.05 ± 0.04395
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean −2.443e−13
Std Dev1.312e−20

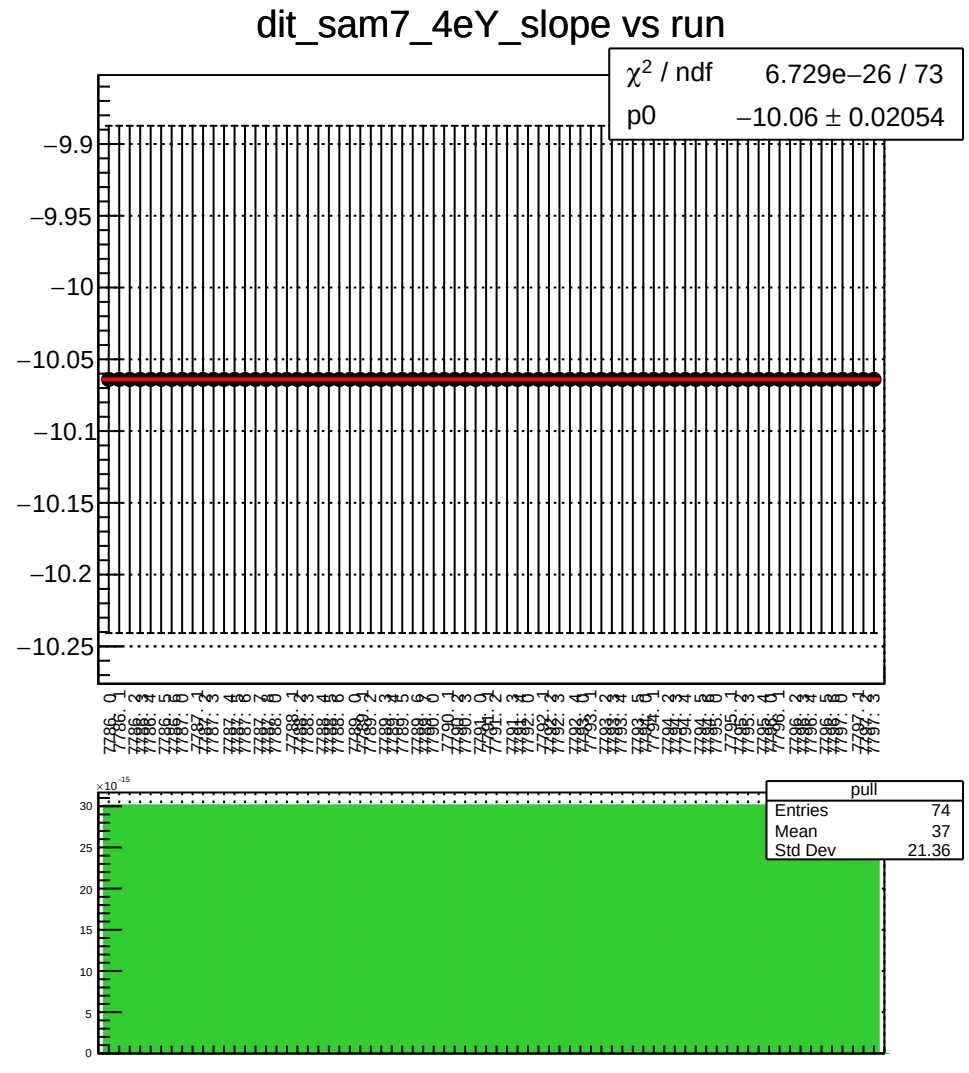

dit_sam7_4eX_slope vs run
χ² / ndf 5.071e−23 / 73
p0 −78.25 ± 0.02395
−78
−78.05
−78.1
−78.15
−78.2
−78.25
−78.3
−78.35
−78.4
−78.45
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

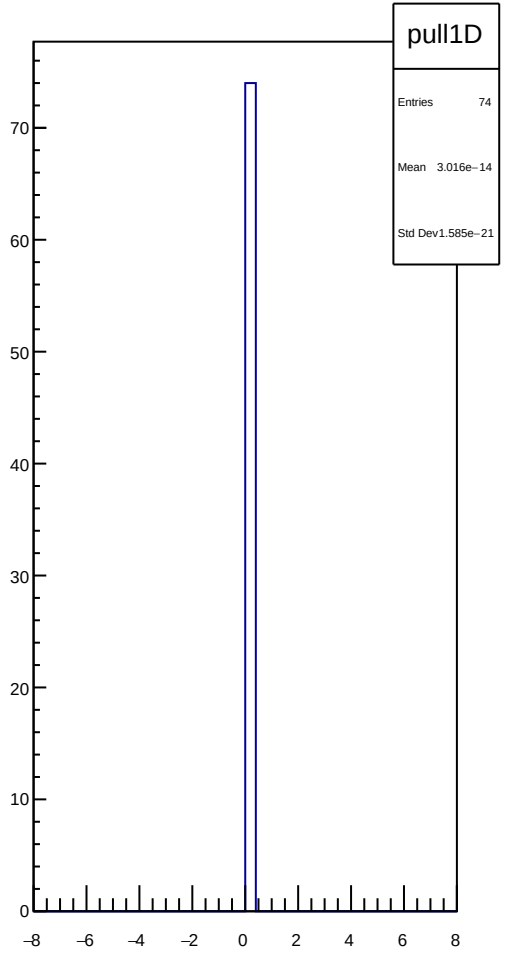

pull1D
Entries 74
Mean 8.278e−13
Std Dev 5.161e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

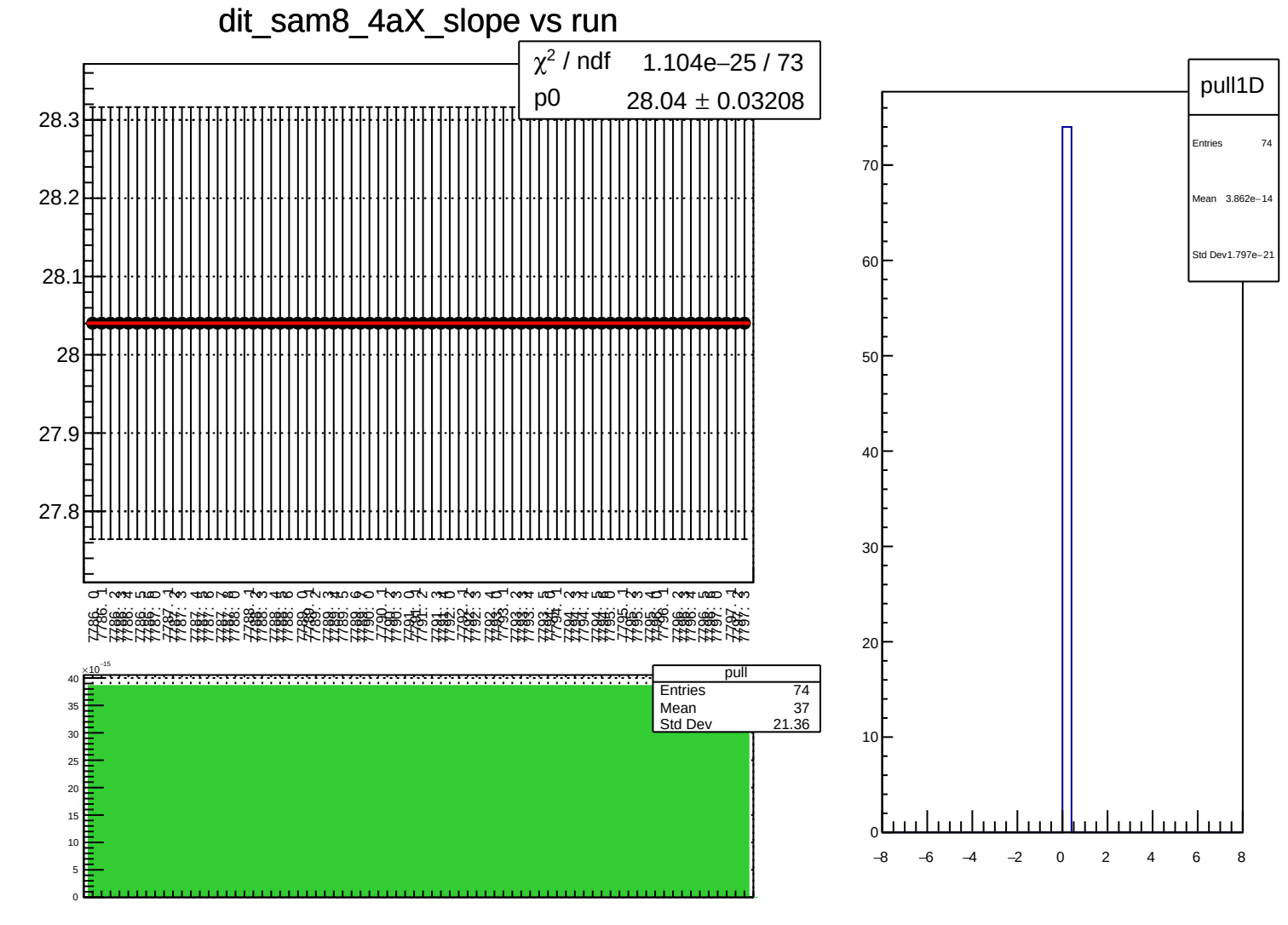

dit_sam7_11X12X_slope vs run
χ² / ndf 2.36e−30 / 73
p0 0.1171± 0.009034
pull
Entries 74
Mean 37
Std Dev 21.36
pull1D
Entries 74
Mean −1.786e−16
Std Dev 6.19e−24

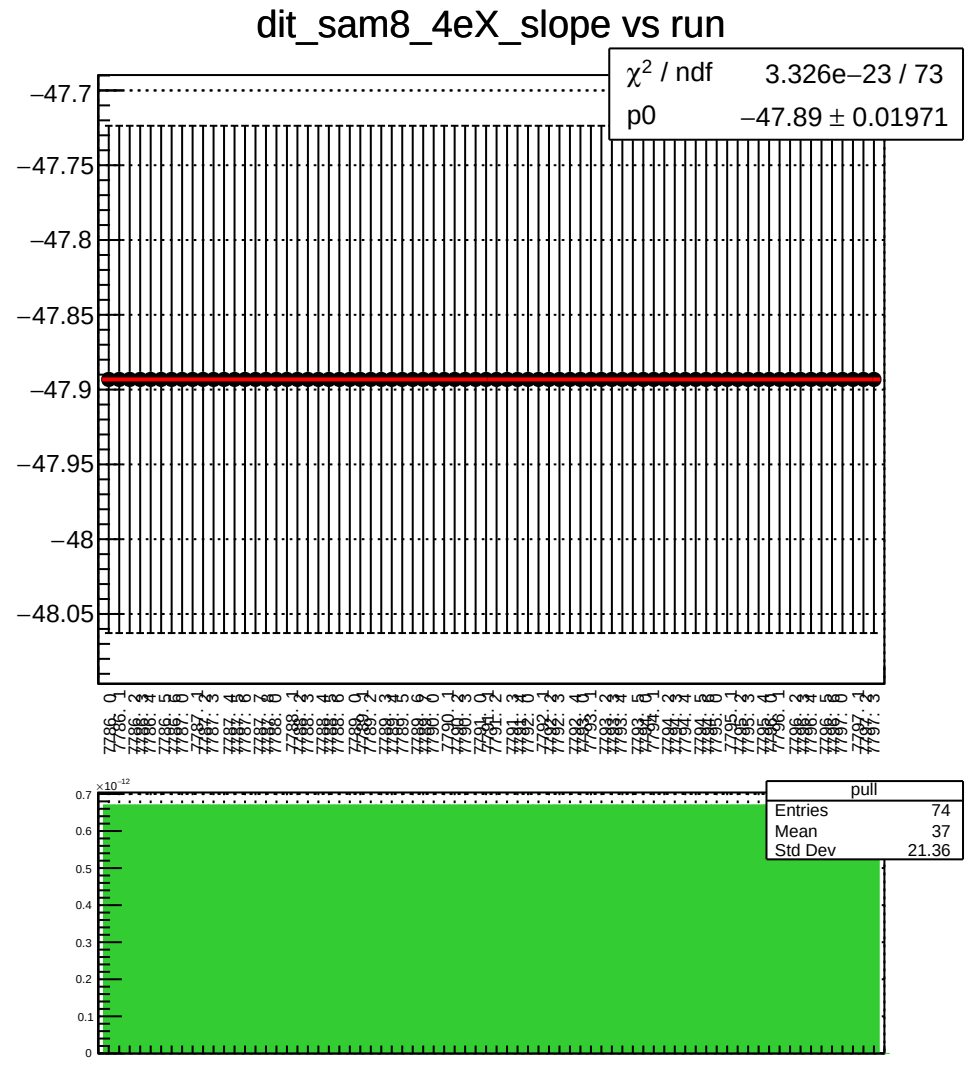

dit_sam7_4aY_slope vs run
χ² / ndf 1.515e−25 / 73
p0 5.568 ± 0.02282
pull
Entries 74
Mean 37
Std Dev 21.36

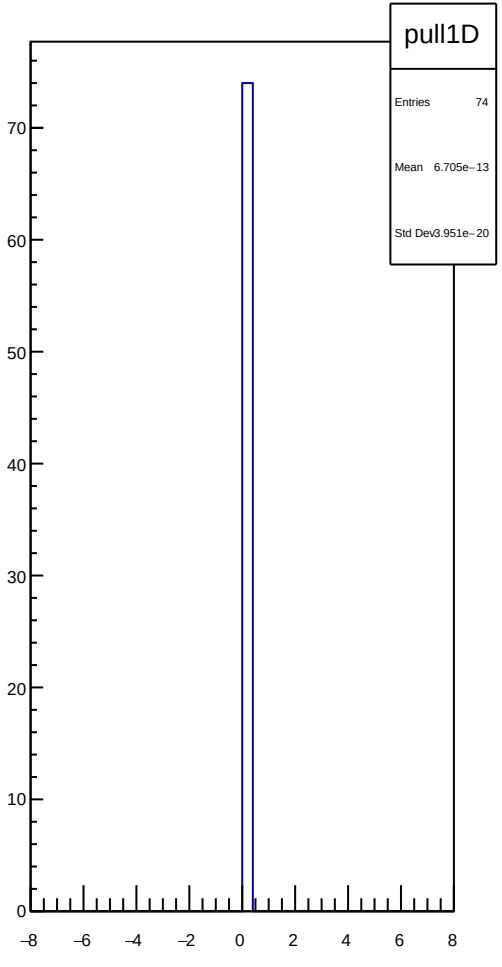

pull1D
Entries 74
Mean −4.525e−14
Std Dev2.075e−21

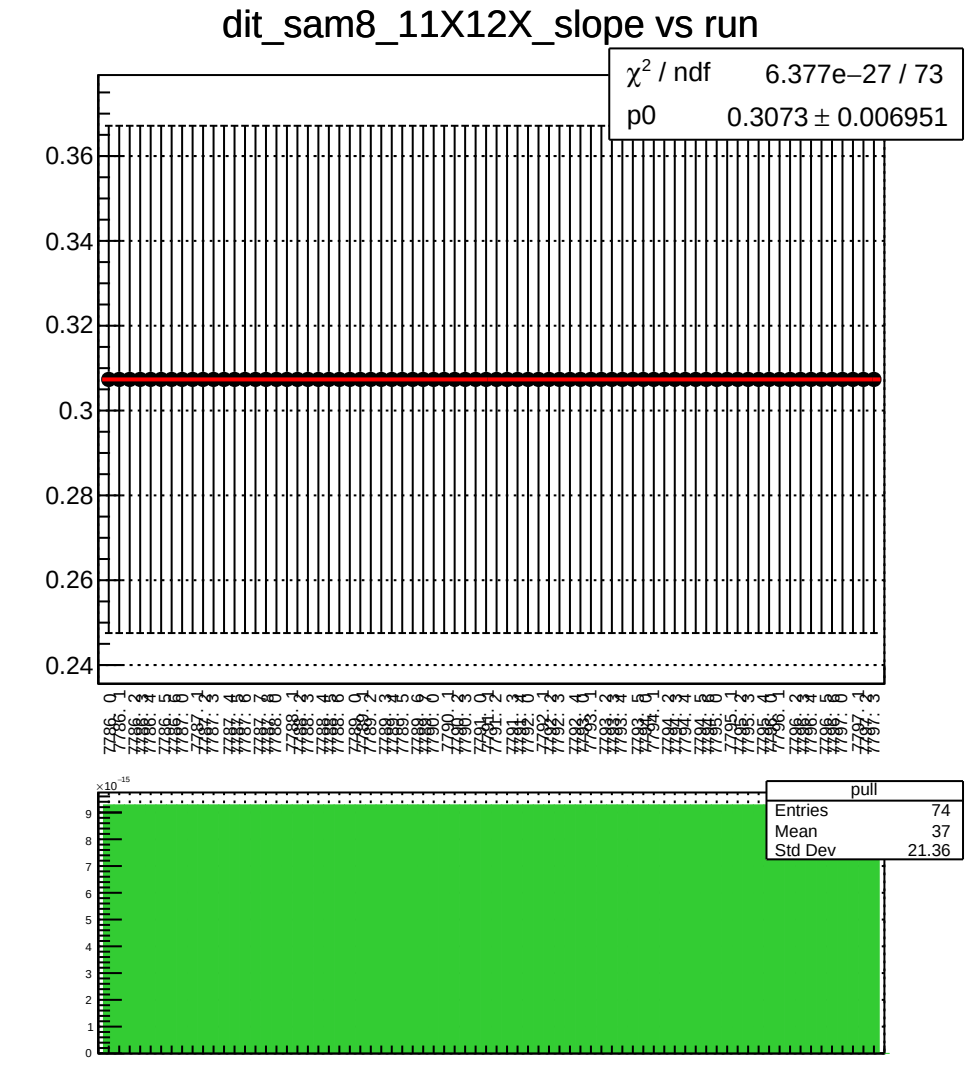

dit_sam7_4eY_slope vs run
χ² / ndf 6.729e−26 / 73
p0 −10.06 ± 0.02054
−9.9
−9.95
−10
−10.05
−10.1
−10.15
−10.2
−10.25
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
30
25
20
15
10
5
0

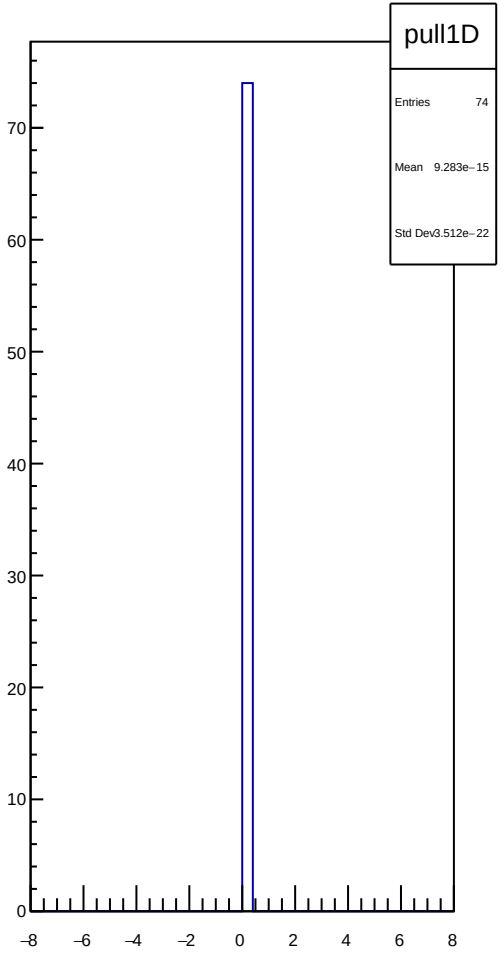

pull1D
Entries 74
Mean 3.016e−14
Std Dev1.585e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

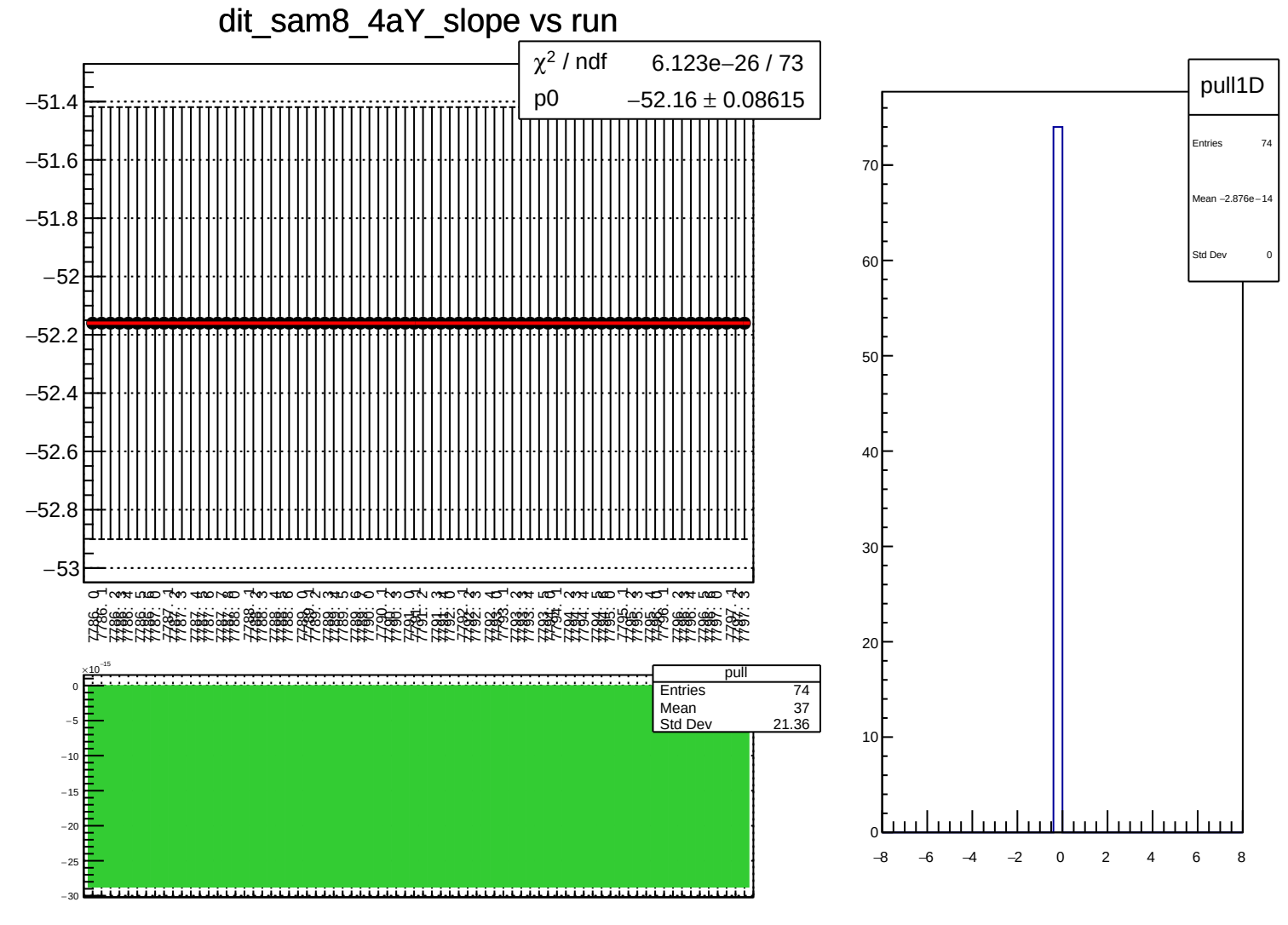

dit_sam8_4aX_slope vs run
χ² / ndf 1.104e−25 / 73
p0 28.04 ± 0.03208
28.3
28.2
28.1
28
27.9
27.8
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
40
35
30
25
20
15
10
5
0
pull1D
Entries 74
Mean 3.862e−14
Std Dev1.797e−21
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

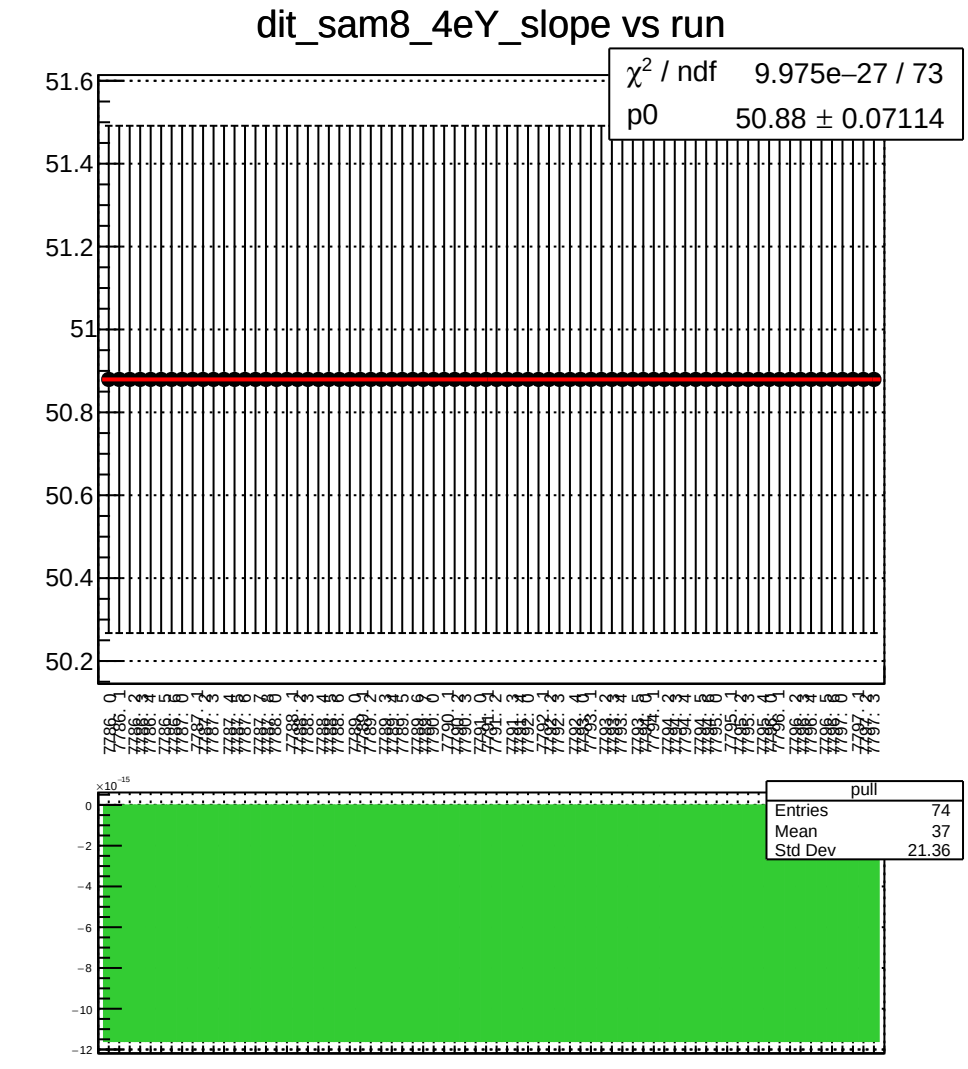

dit_sam8_4eX_slope vs run
χ² / ndf 3.326e−23 / 73
p0 −47.89 ± 0.01971
−47.7
−47.75
−47.8
−47.85
−47.9
−47.95
−48
−48.05
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹²
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

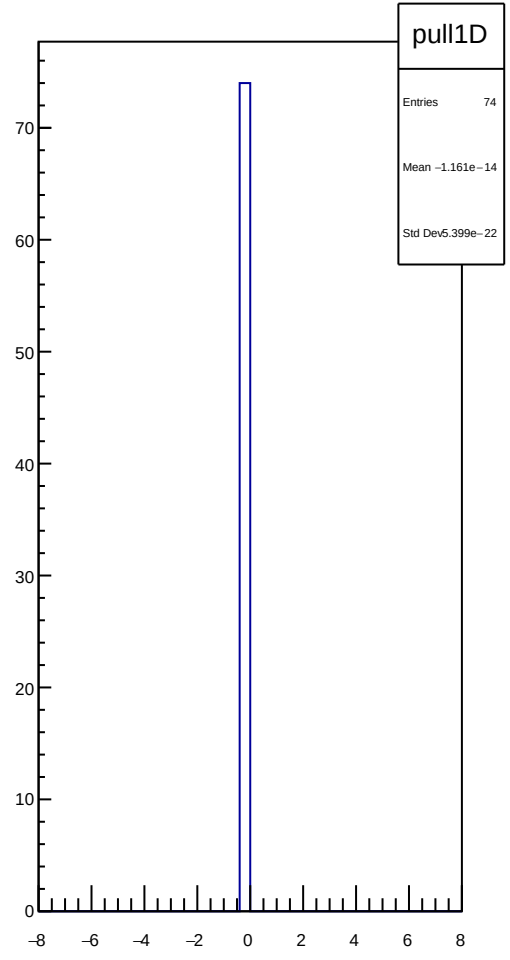

pull1D
Entries 74
Mean 6.705e−13
Std Dev 3.951e−20
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

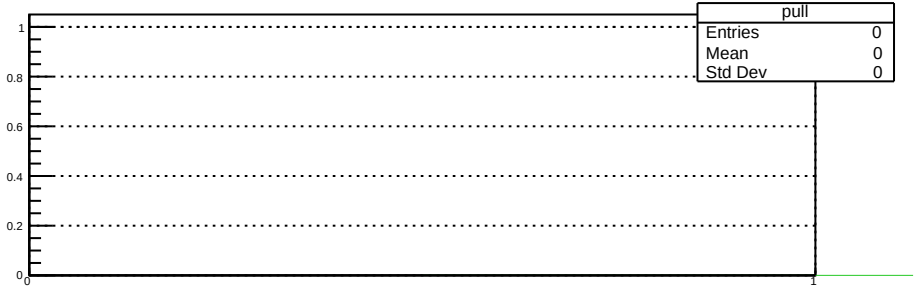

dit_sam8_11X12X_slope vs run
χ² / ndf 6.377e−27 / 73
p0 0.3073 ± 0.006951
0.36
0.34
0.32
0.3
0.28
0.26
0.24
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵

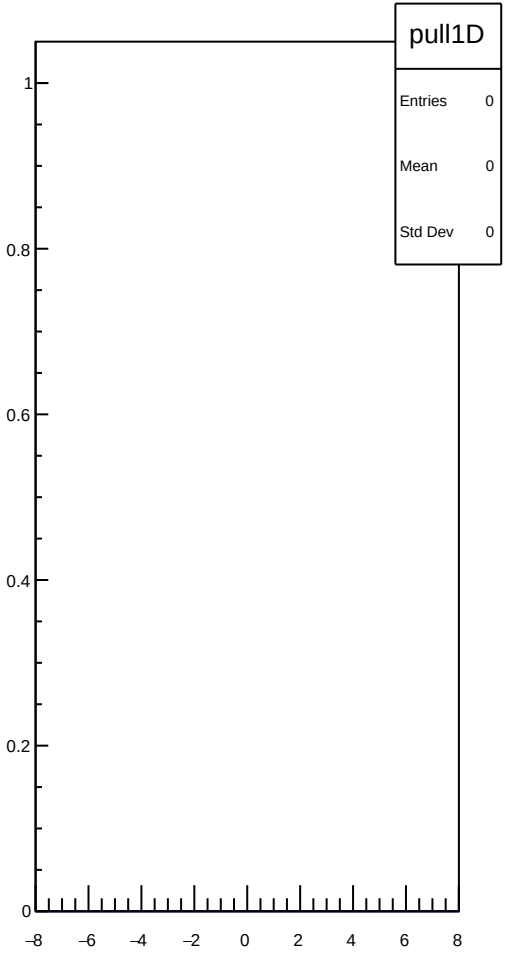

pull1D
Entries 74
Mean 9.283e−15
Std Dev 3.512e−22
70
60
50
40
30
20
10
0
−8
−6
−4
−2
0
2
4
6
8

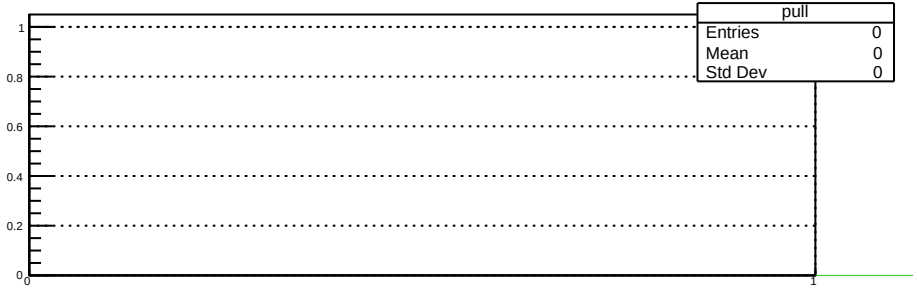

dit_sam8_4aY_slope vs run
χ² / ndf 6.123e−26 / 73
p0 −52.16 ± 0.08615
−51.4
−51.6
−51.8
−52
−52.2
−52.4
−52.6
−52.8
−53
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−5
−10
−15
−20
−25
−30
pull1D
Entries 74
Mean −2.876e−14
Std Dev 0
70
60
50
40
30
20
10
0
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−4
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0
2
4
6
8

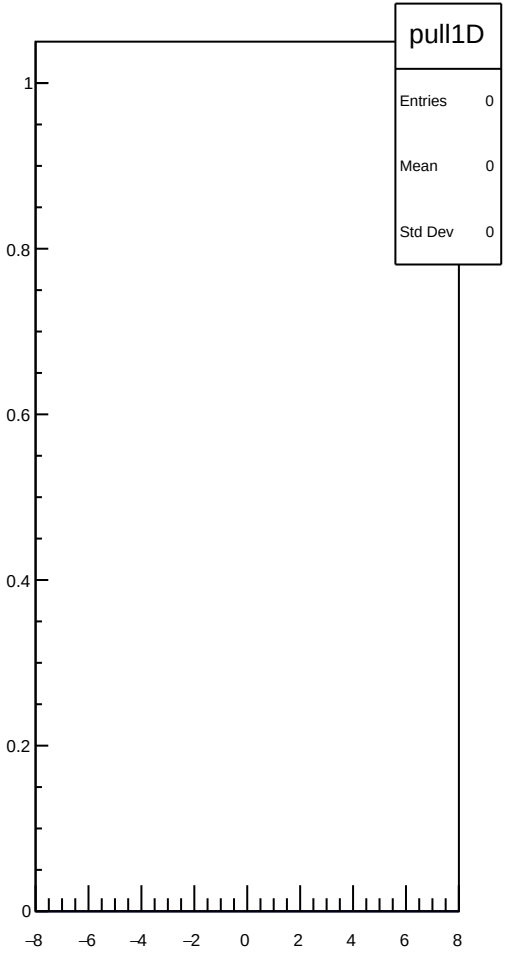

dit_sam8_4eY_slope vs run
χ² / ndf 9.975e−27 / 73
p0 50.88 ± 0.07114
51.6
51.4
51.2
51
50.8
50.6
50.4
50.2
pull
Entries 74
Mean 37
Std Dev 21.36
×10⁻¹⁵
0
−2
−4
−6
−8
−10
−12

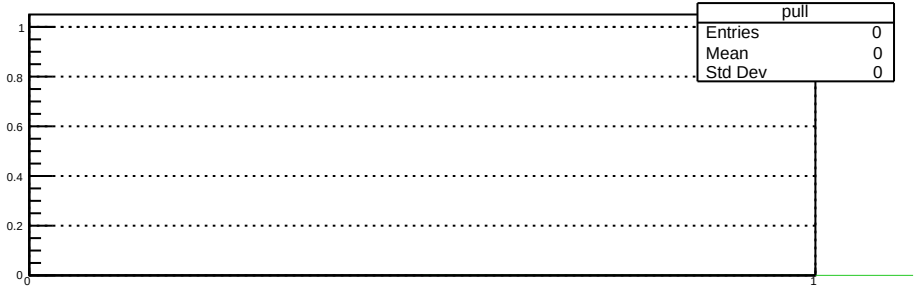

pull1D
Entries 74
Mean −1.161e−14
Std Dev 5.399e−22
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50
40
30
20
10
0
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−4
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0
2
4
6
8

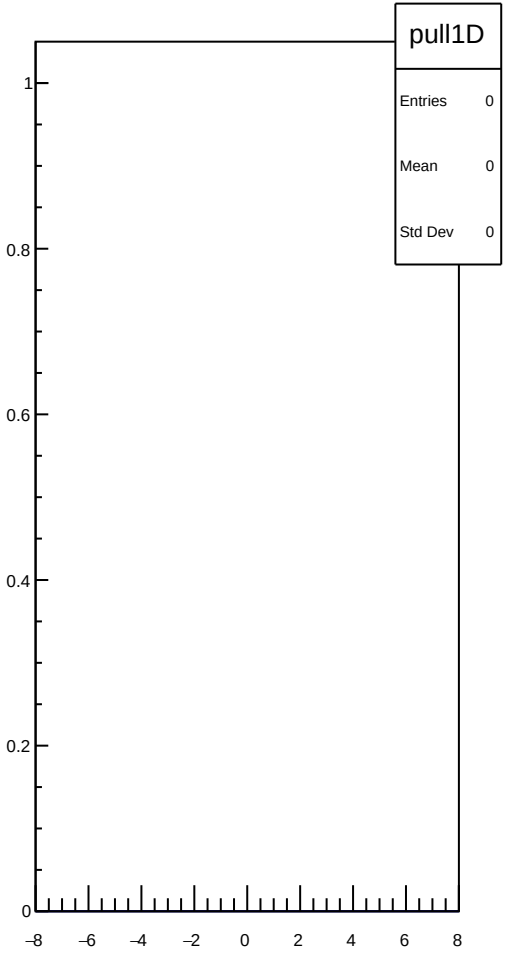

pull
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
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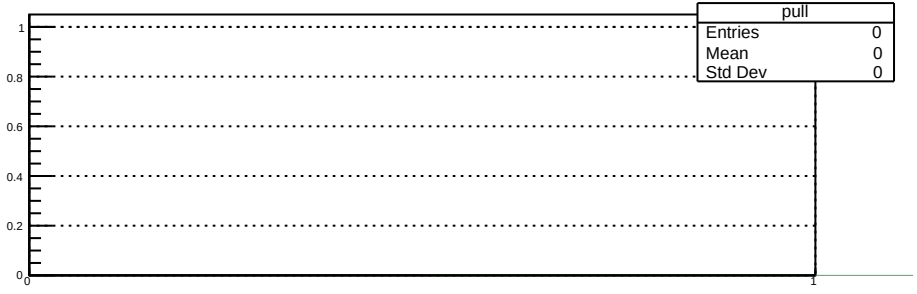

pull1D
Entries 0
Mean 0
Std Dev 0
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0.6
0.4
0.2
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–4
–2
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2
4
6
8

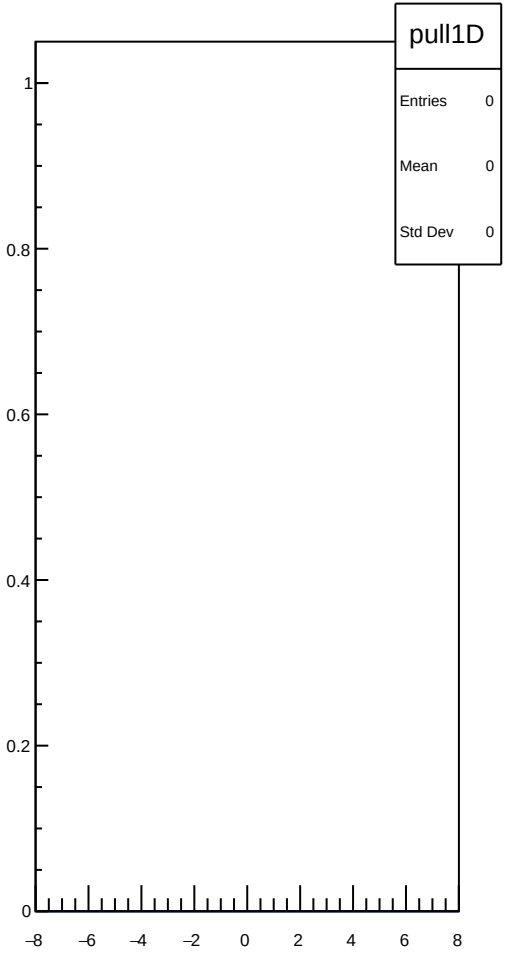

pull
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Std Dev 0
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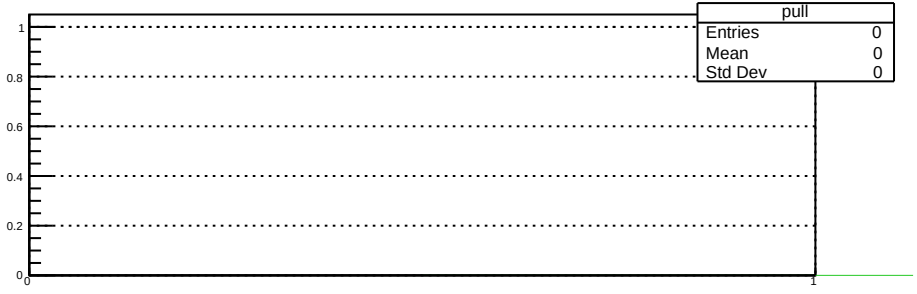

pull1D
Entries 0
Mean 0
Std Dev 0
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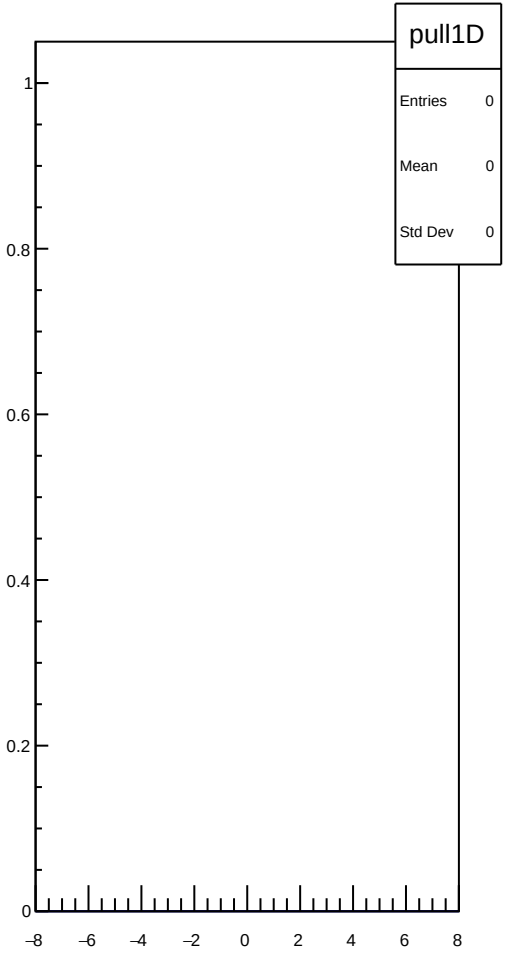

pull
Entries 0
Mean 0
Std Dev 0
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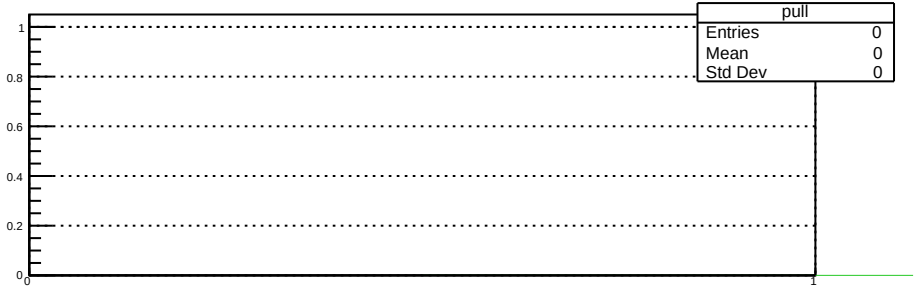

pull1D
Entries 0
Mean 0
Std Dev 0
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0.4
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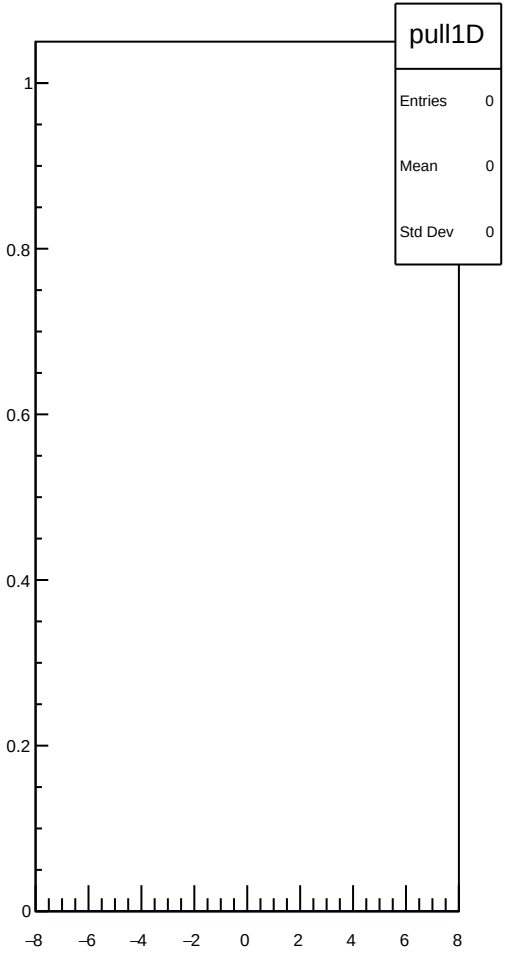

pull
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Mean 0
Std Dev 0
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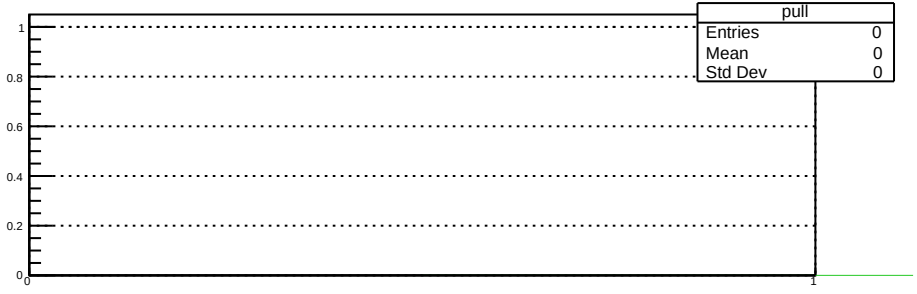

pull1D
Entries 0
Mean 0
Std Dev 0
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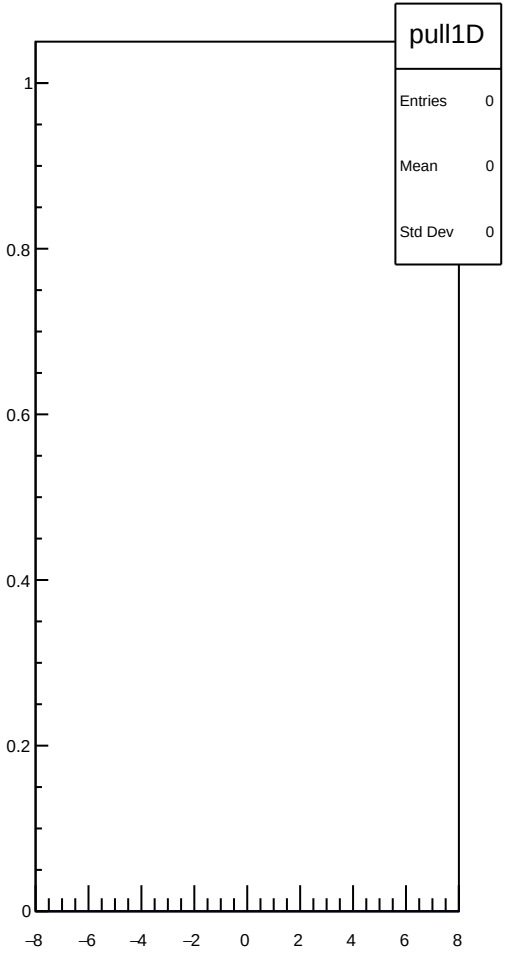

pull
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Std Dev 0
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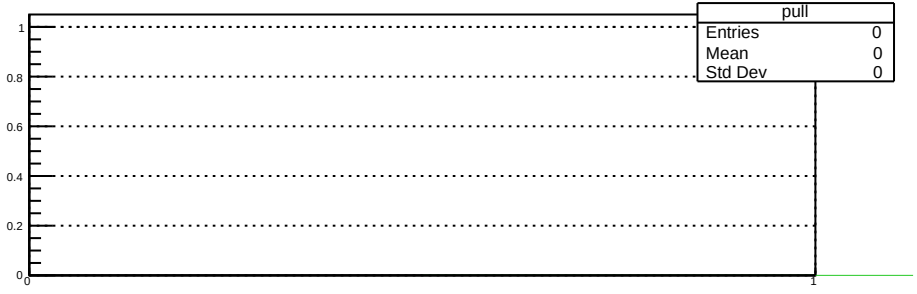

pull1D
Entries 0
Mean 0
Std Dev 0
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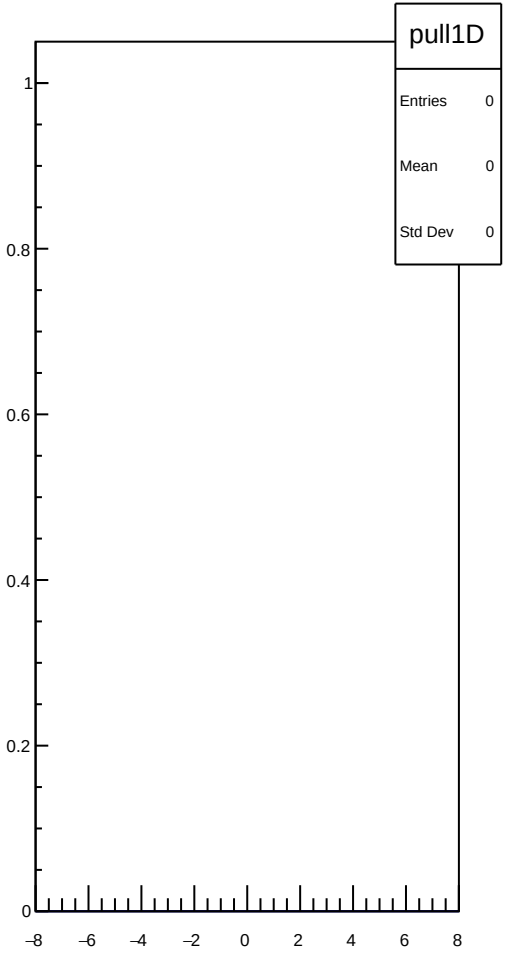

pull
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Std Dev 0
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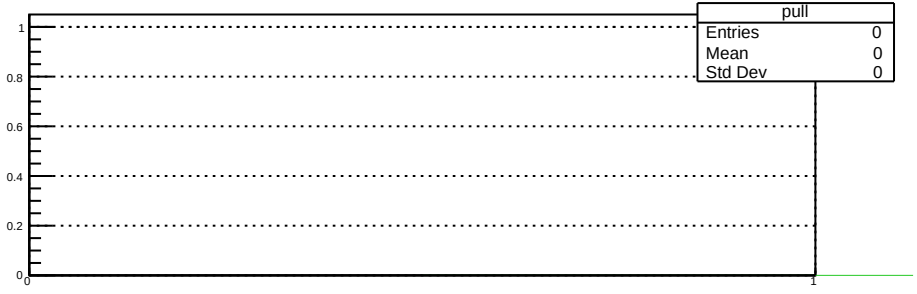

pull1D
Entries 0
Mean 0
Std Dev 0
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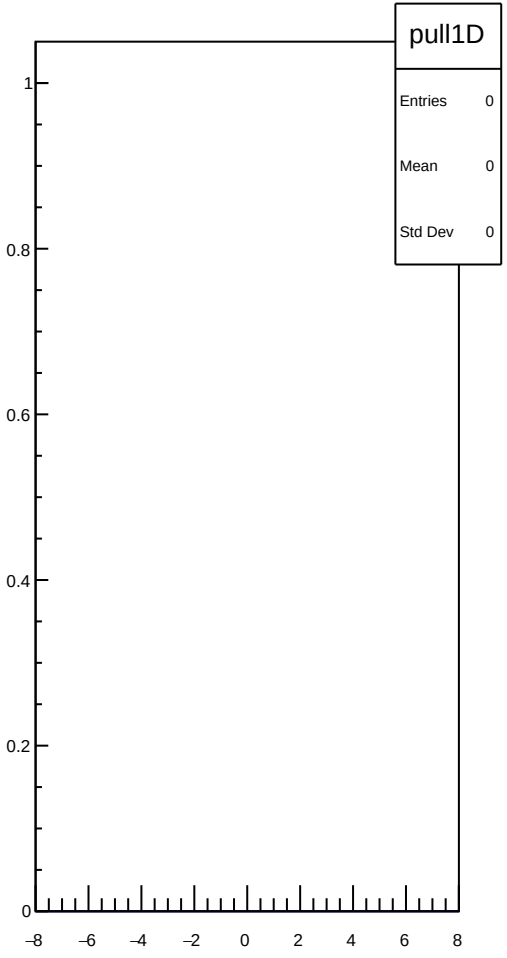

pull
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Std Dev 0
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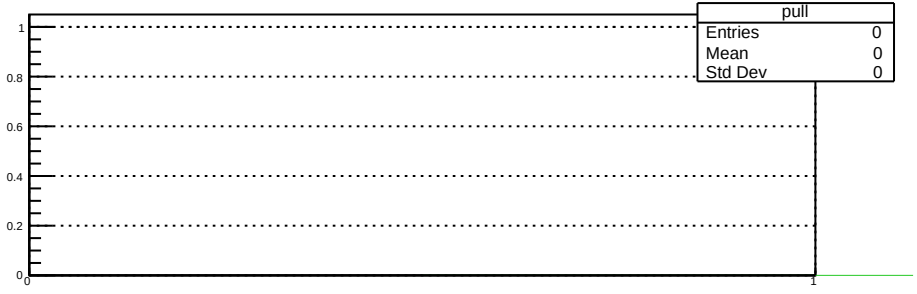

pull1D
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Mean 0
Std Dev 0
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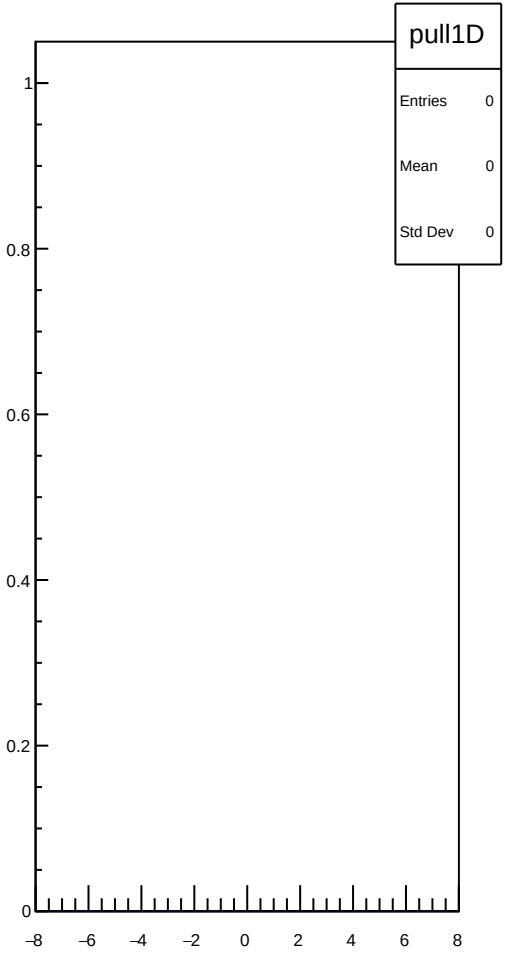

pull
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Std Dev 0
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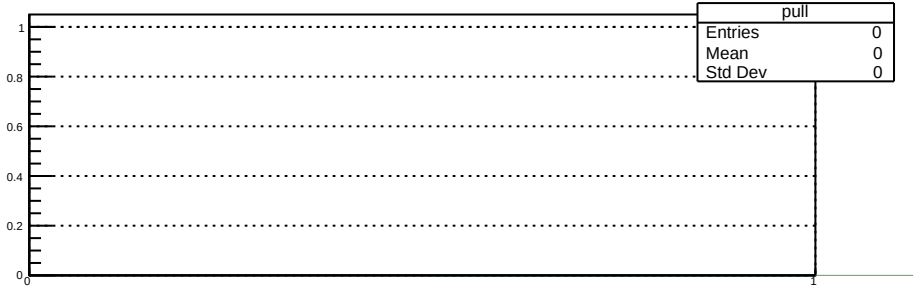

pull1D
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Std Dev 0
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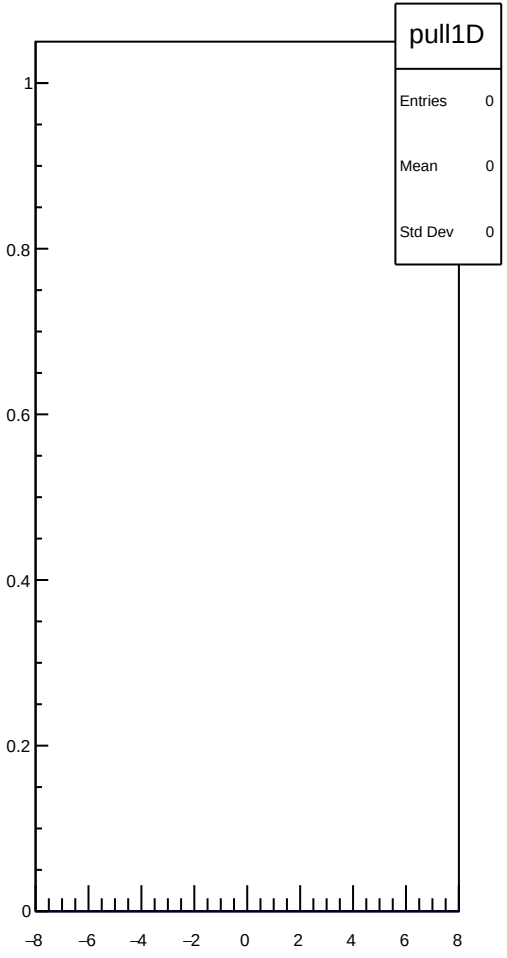

pull
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Std Dev 0
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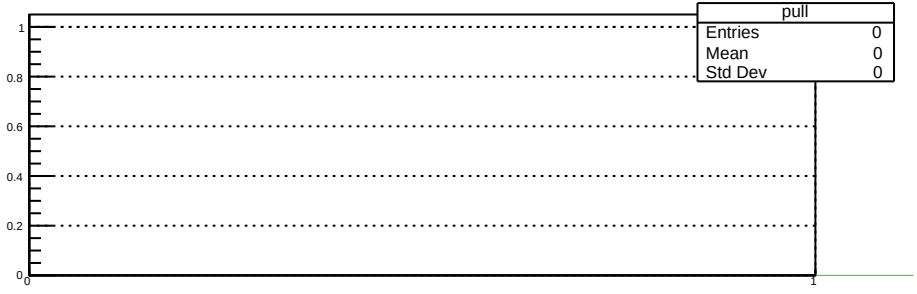

pull1D
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Mean 0
Std Dev 0
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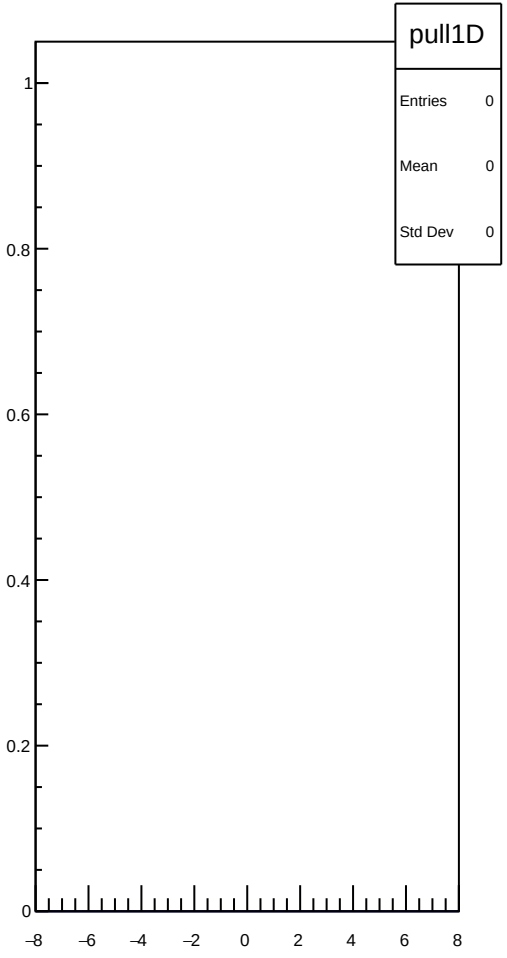

pull
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Std Dev 0
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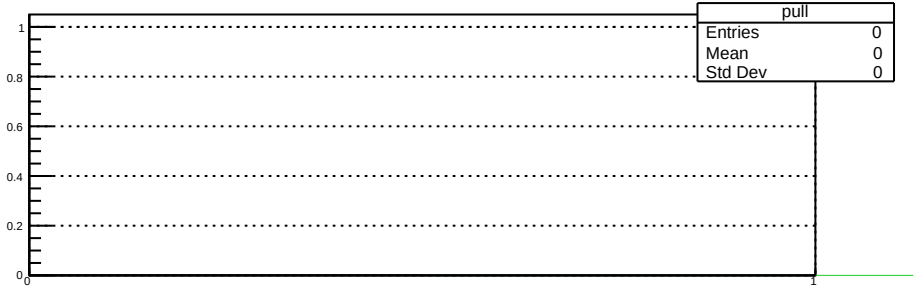

pull1D
Entries 0
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Std Dev 0
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0.4
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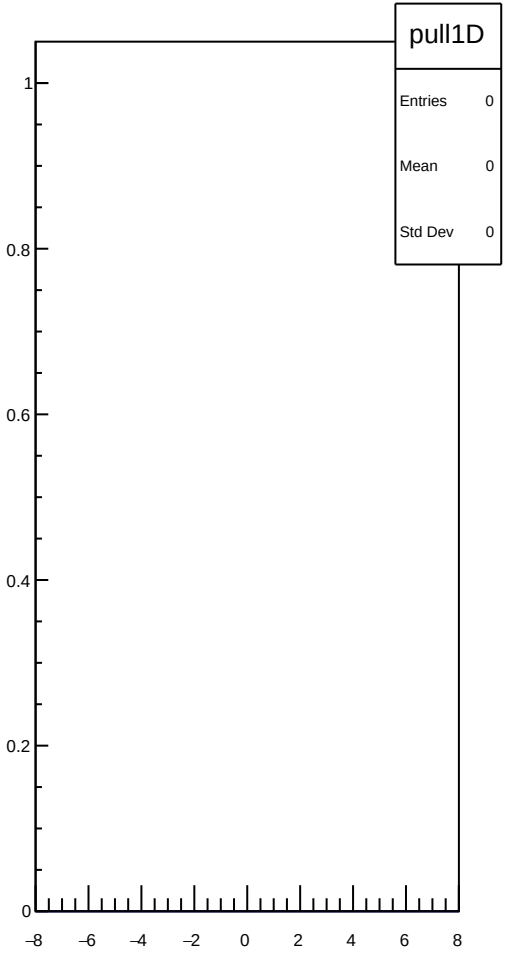

pull
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Std Dev 0
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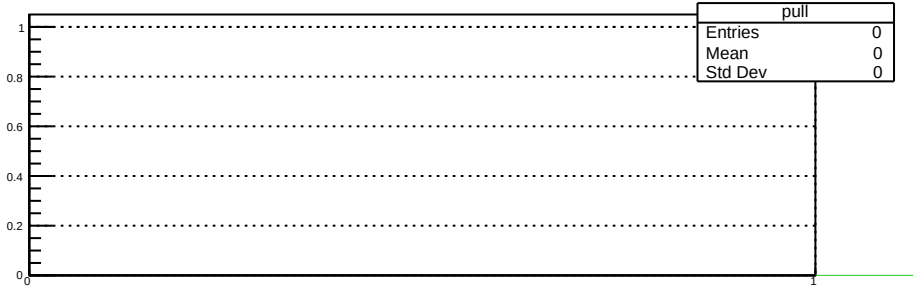

pull1D
Entries 0
Mean 0
Std Dev 0
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2
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6
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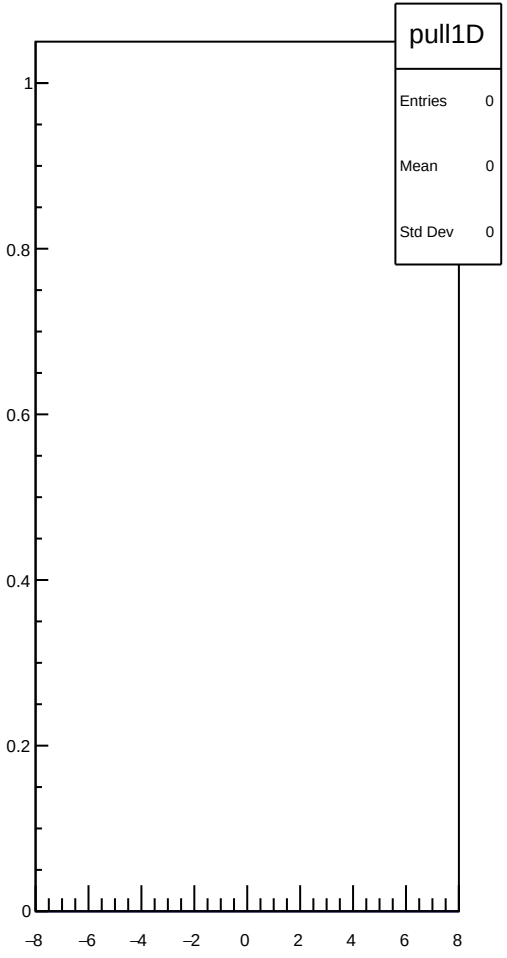

pull
Entries 0
Mean 0
Std Dev 0
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0.4
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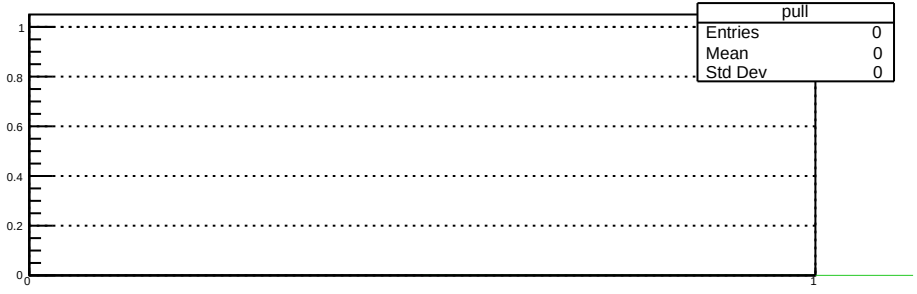

pull1D
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
0
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–4
–2
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2
4
6
8

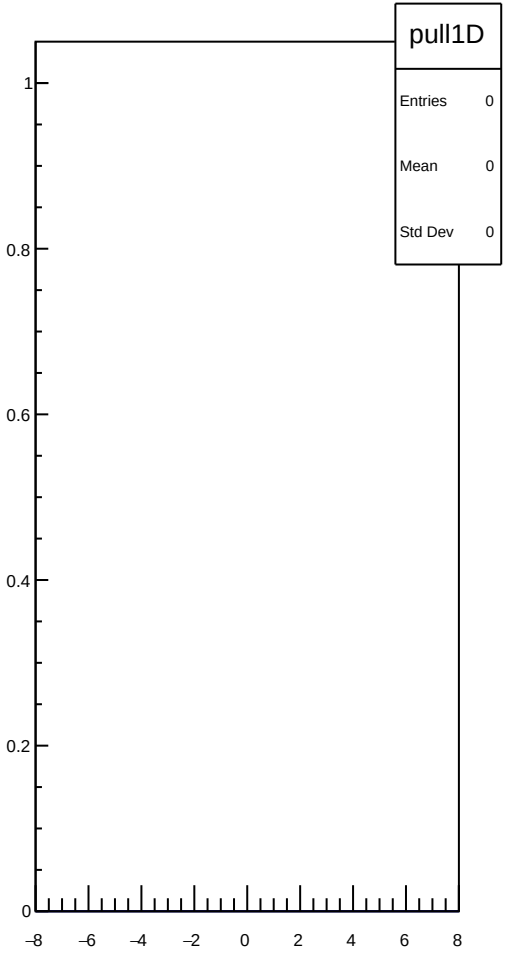

pull
Entries 0
Mean 0
Std Dev 0
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0.6
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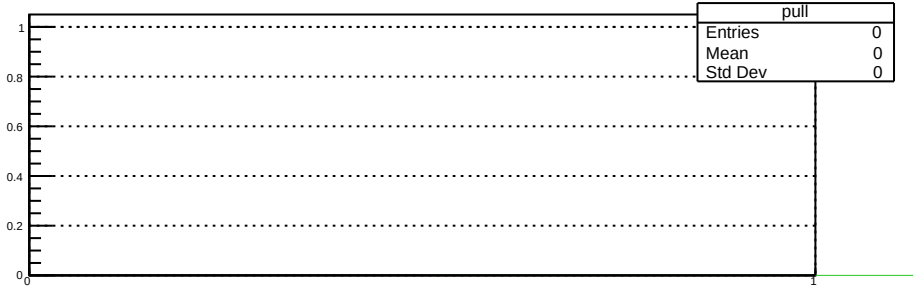

pull1D
Entries 0
Mean 0
Std Dev 0
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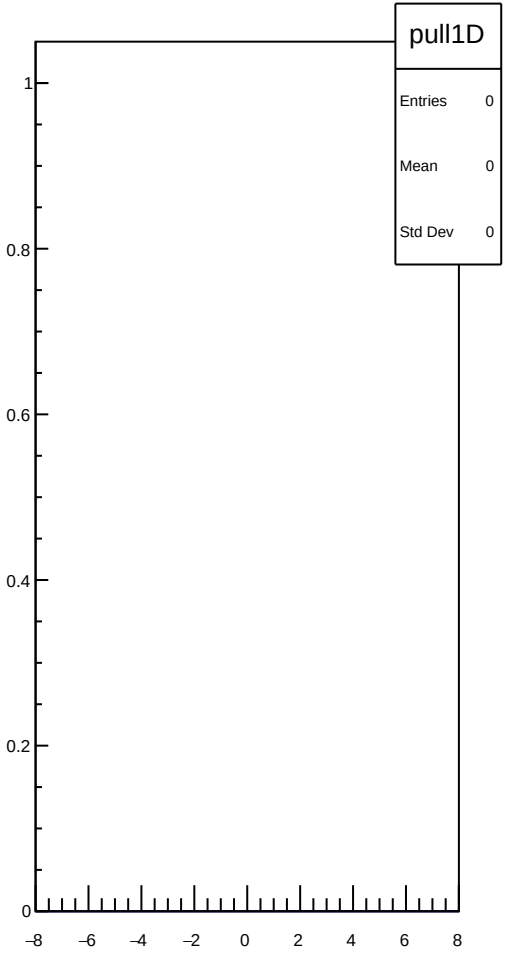

pull
Entries 0
Mean 0
Std Dev 0
1
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0.6
0.4
0.2
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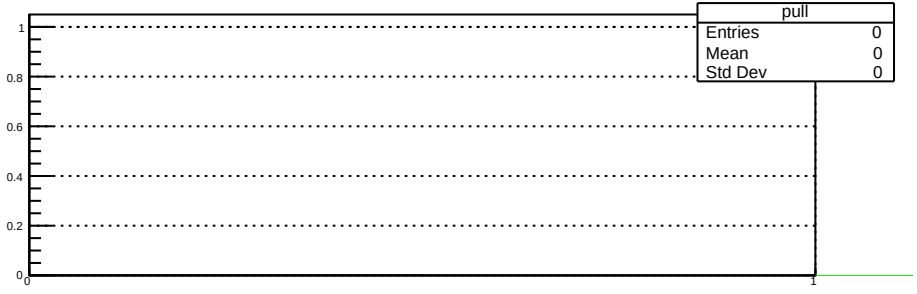

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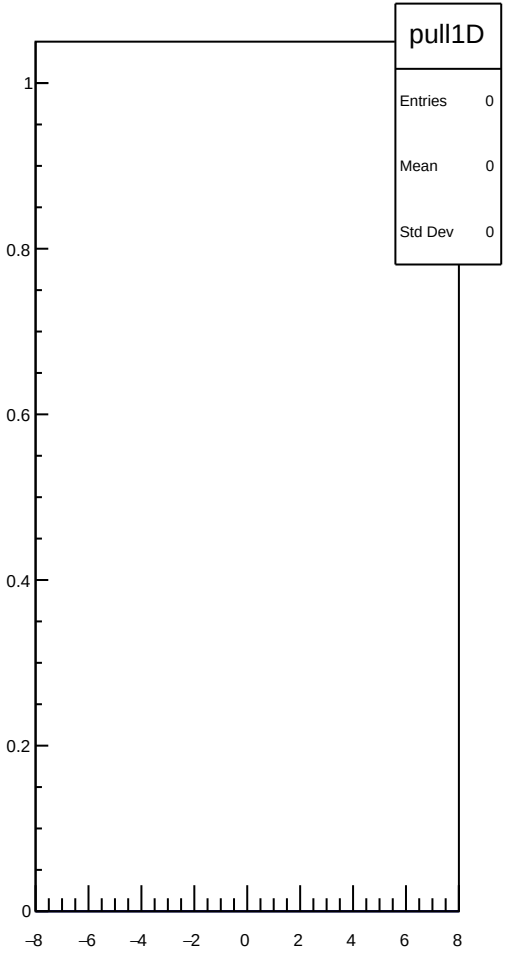

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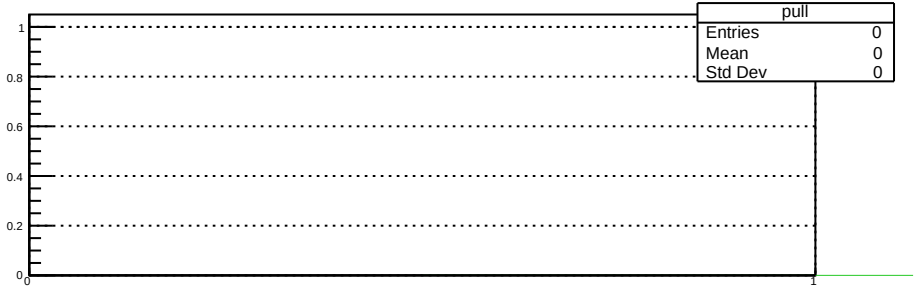

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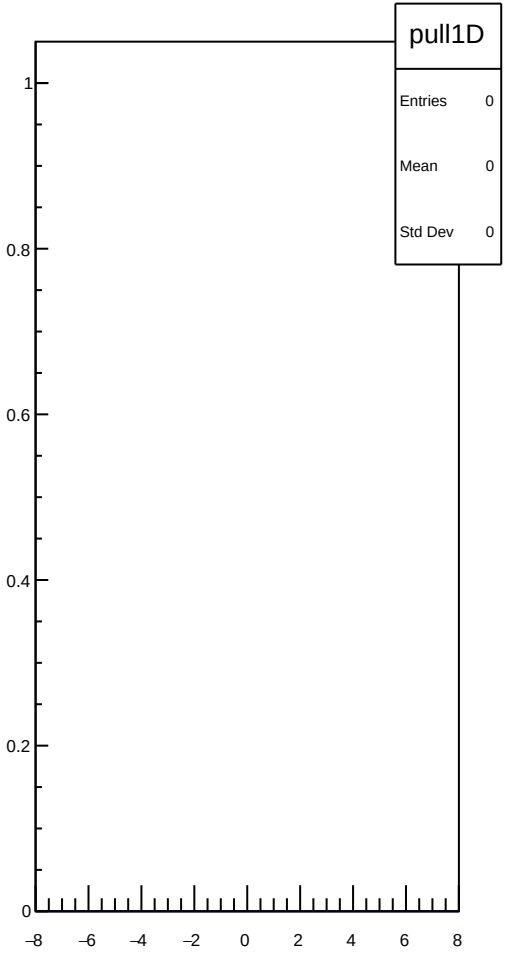

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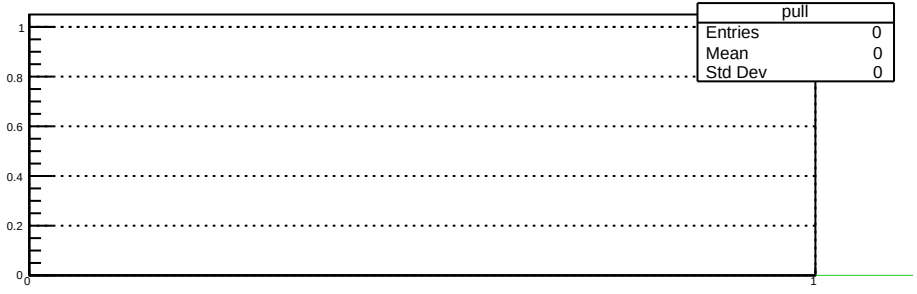

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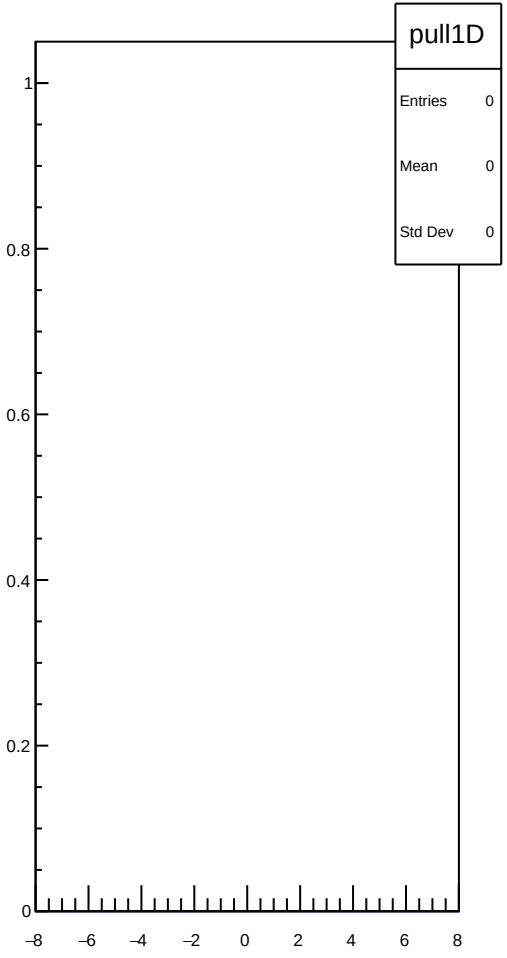

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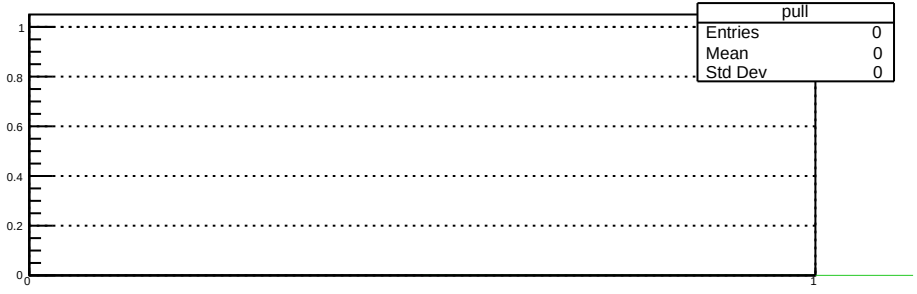

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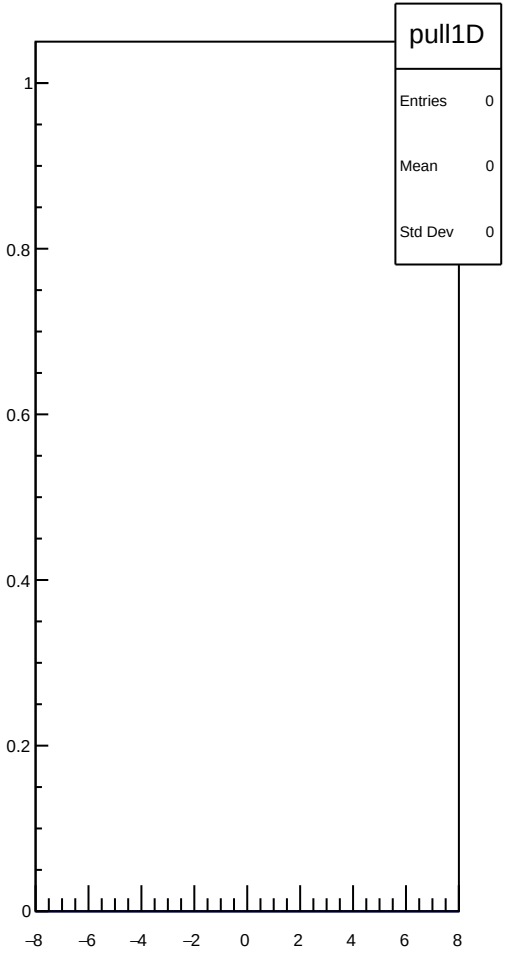

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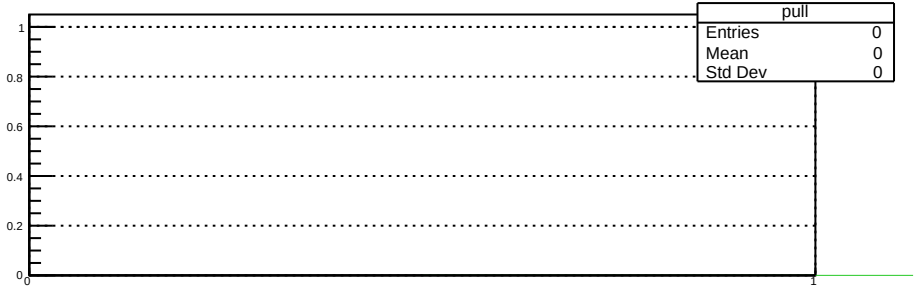

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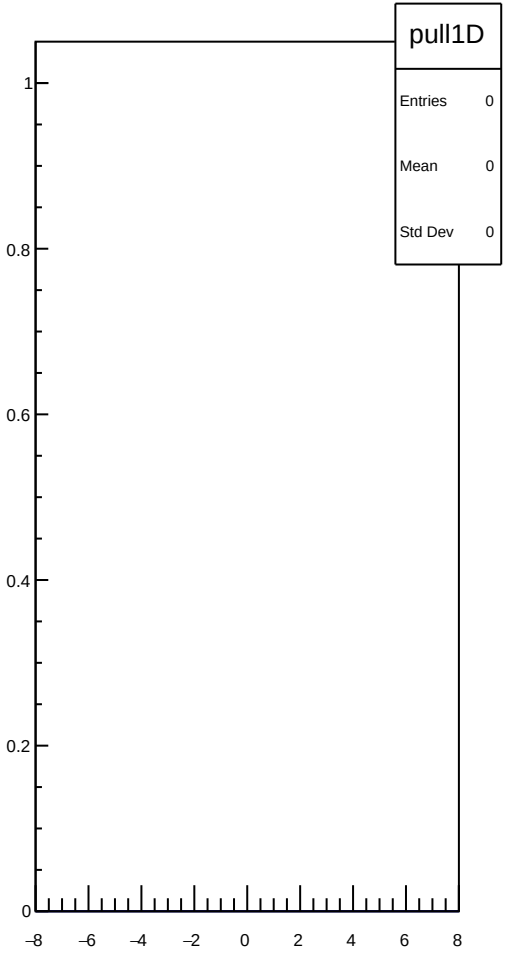

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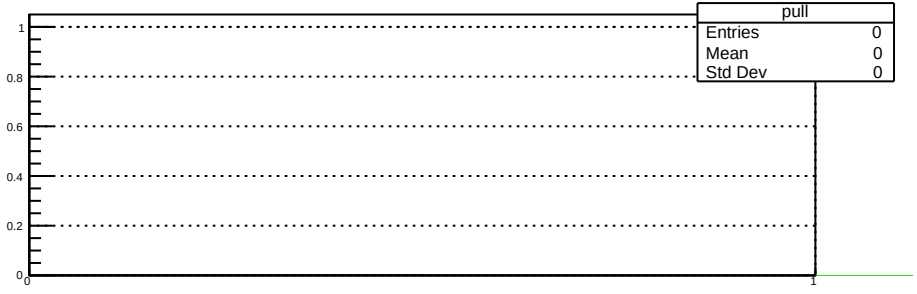

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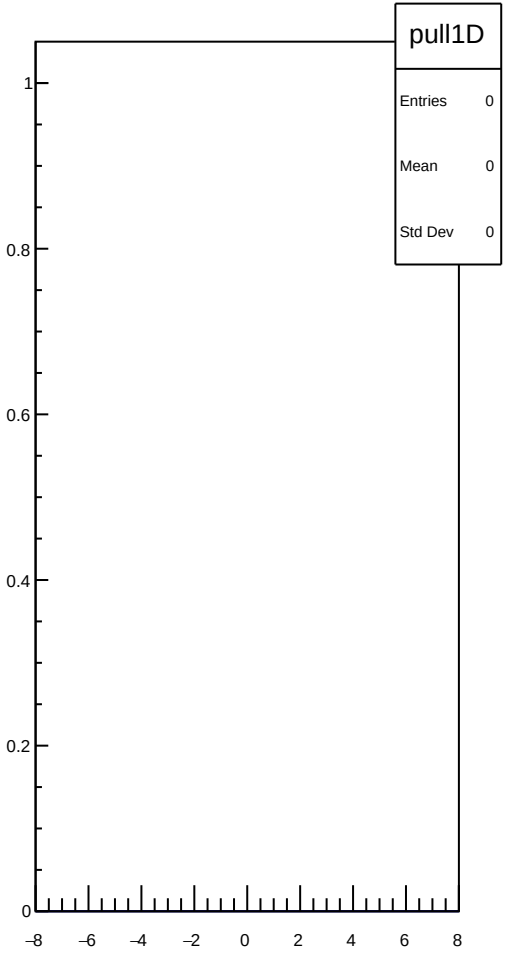

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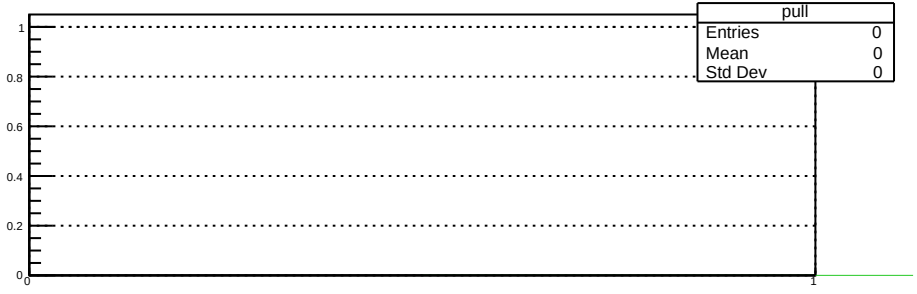

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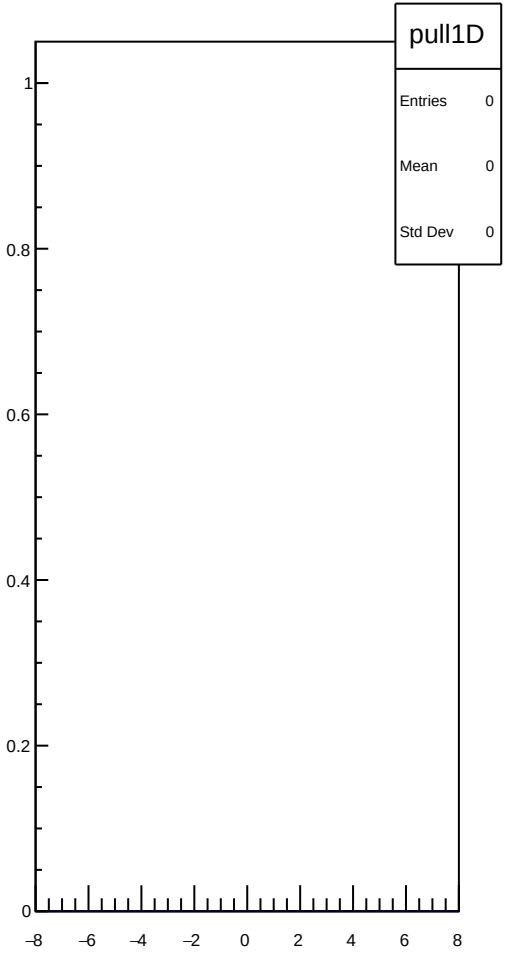

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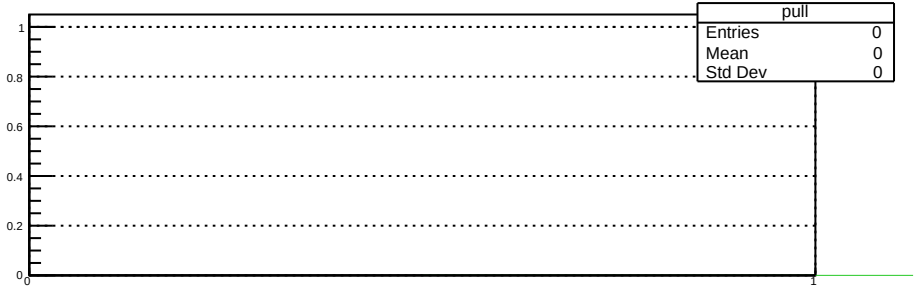

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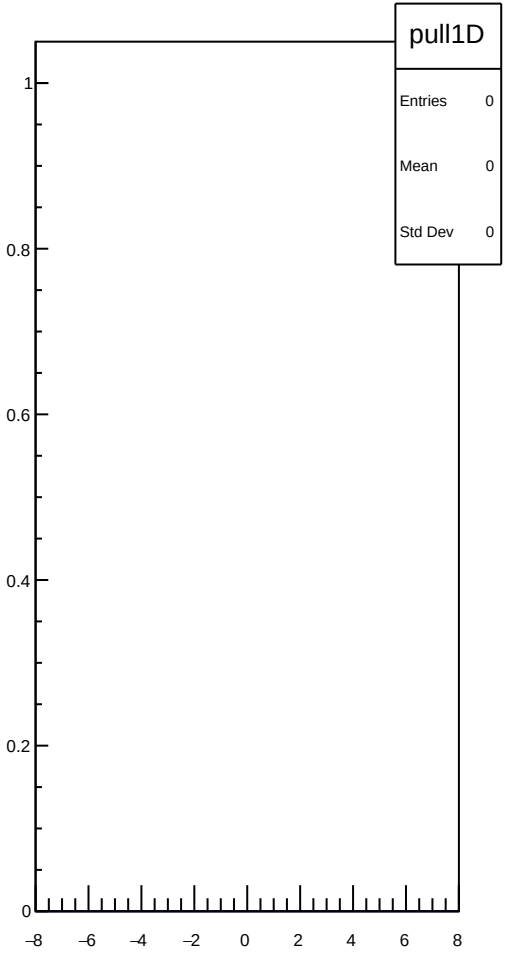

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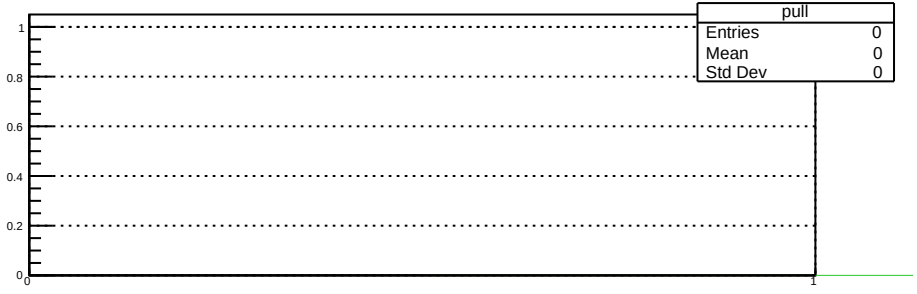

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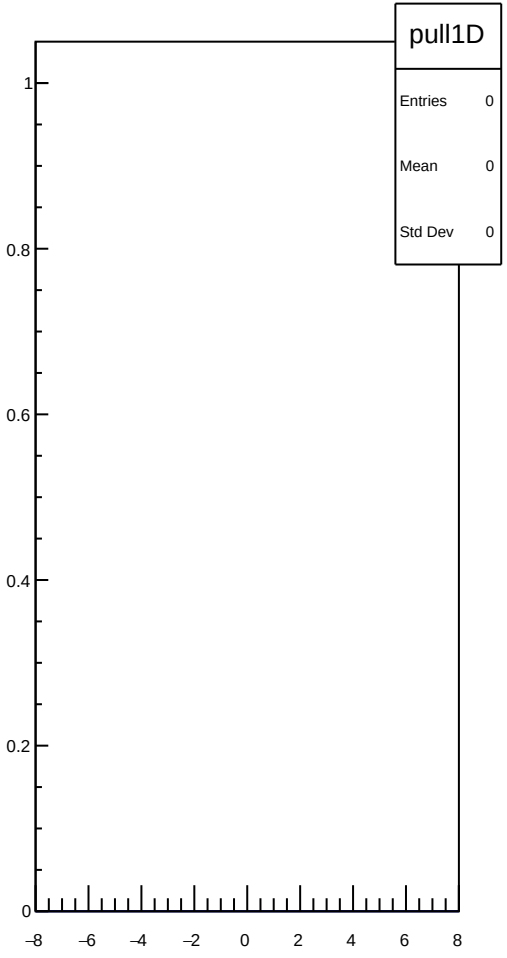

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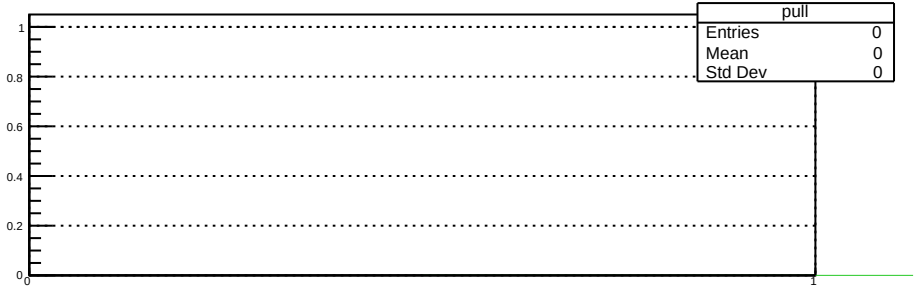

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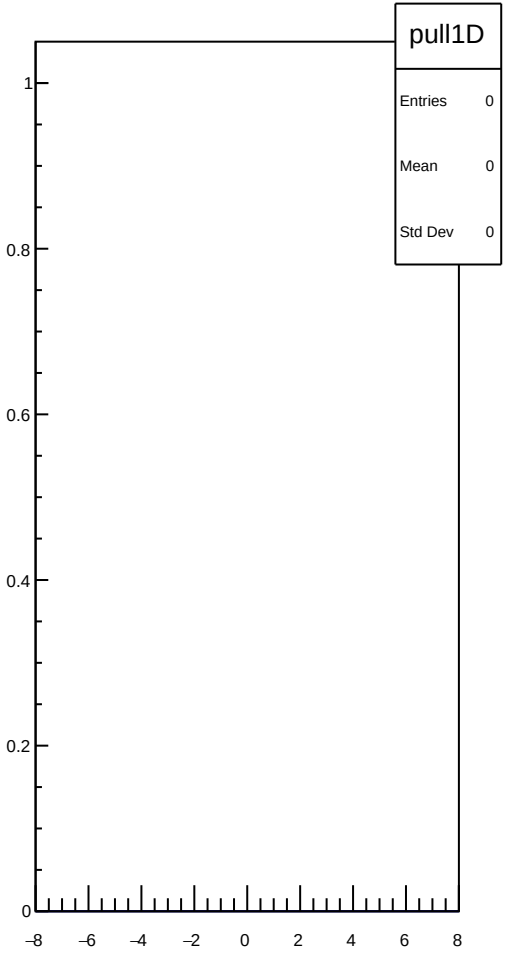

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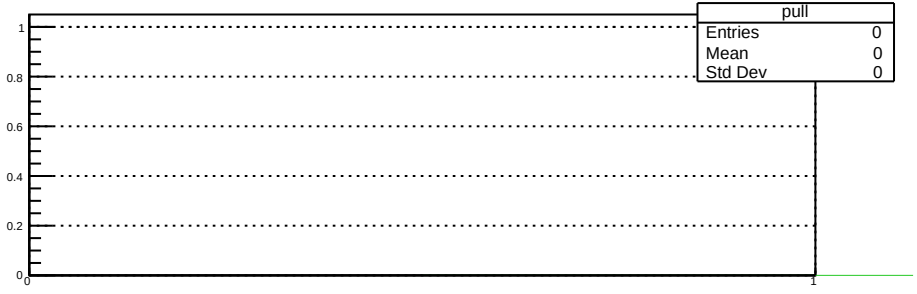

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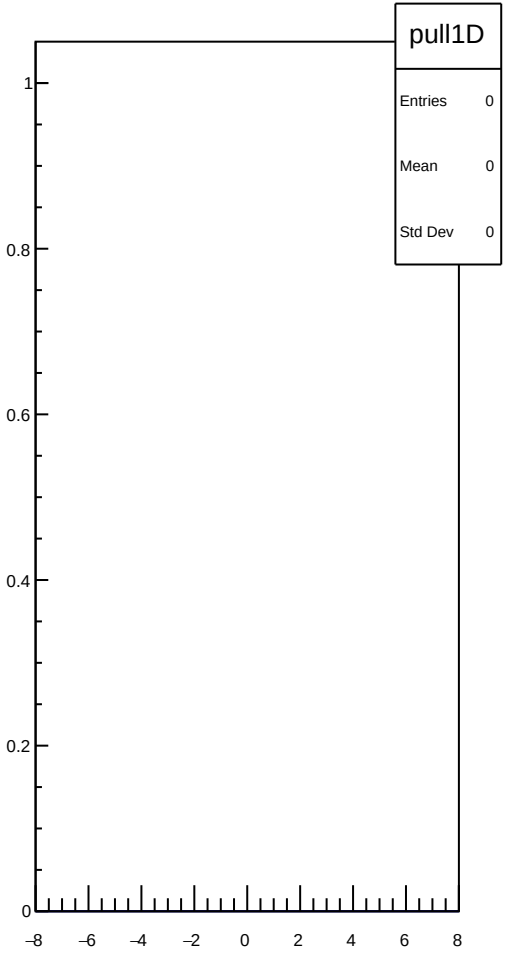

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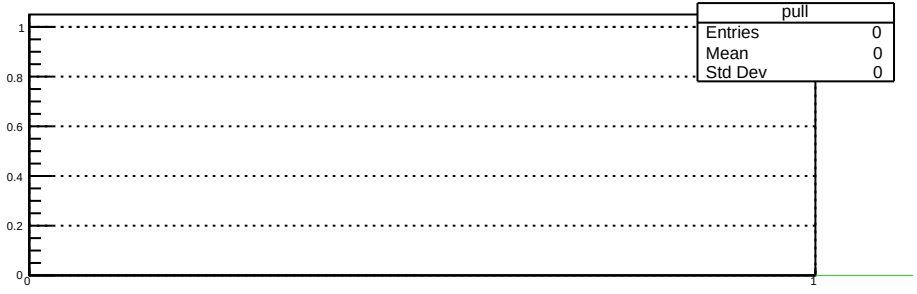

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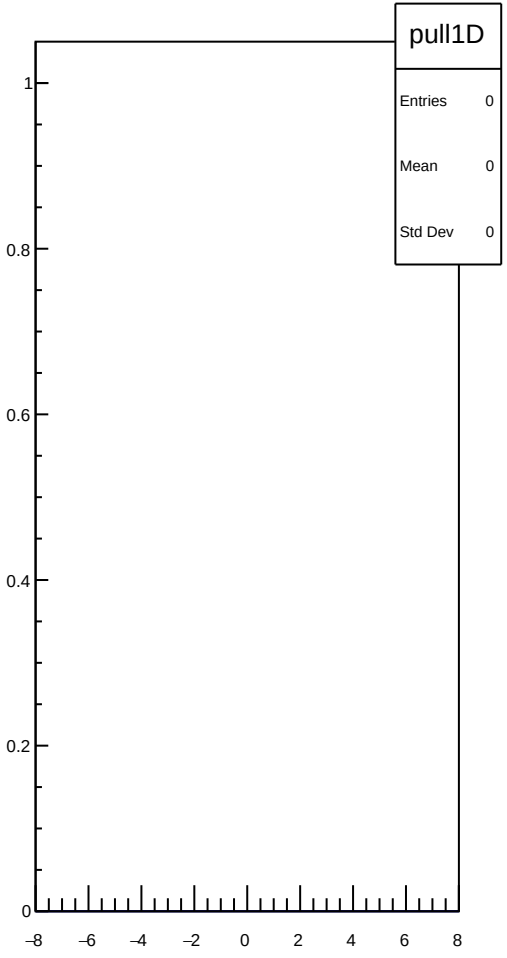

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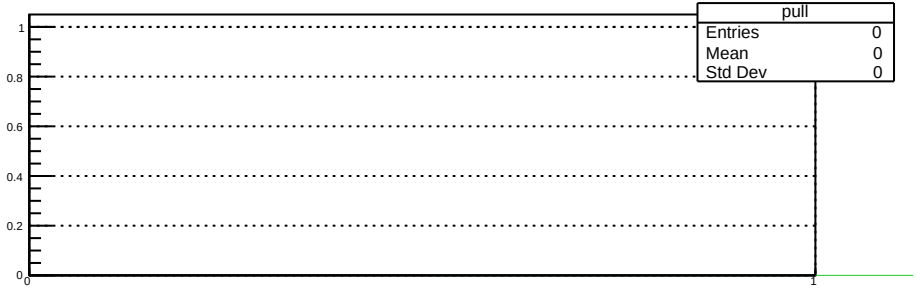

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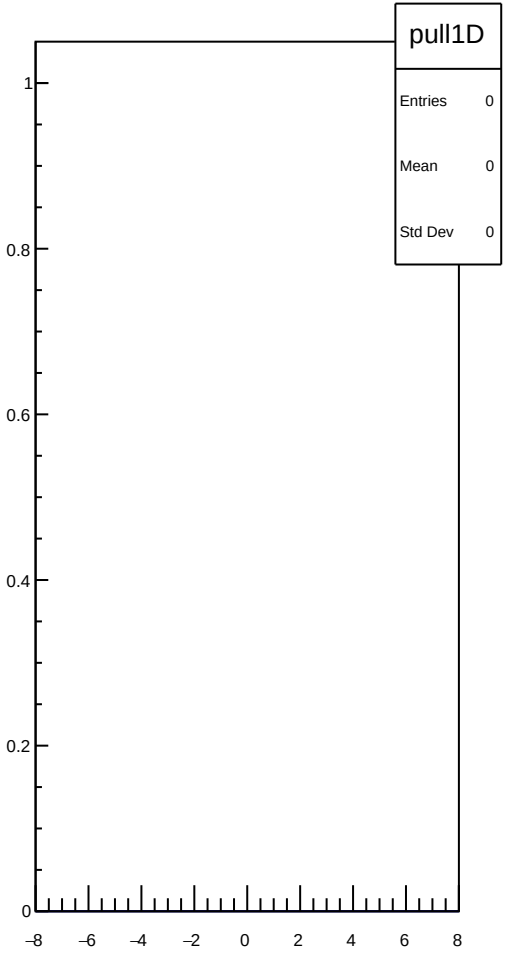

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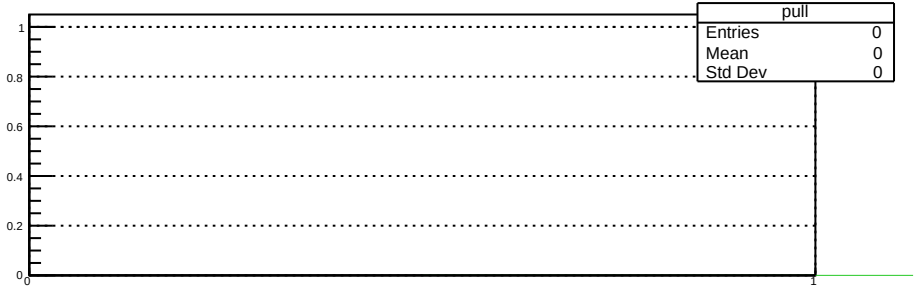

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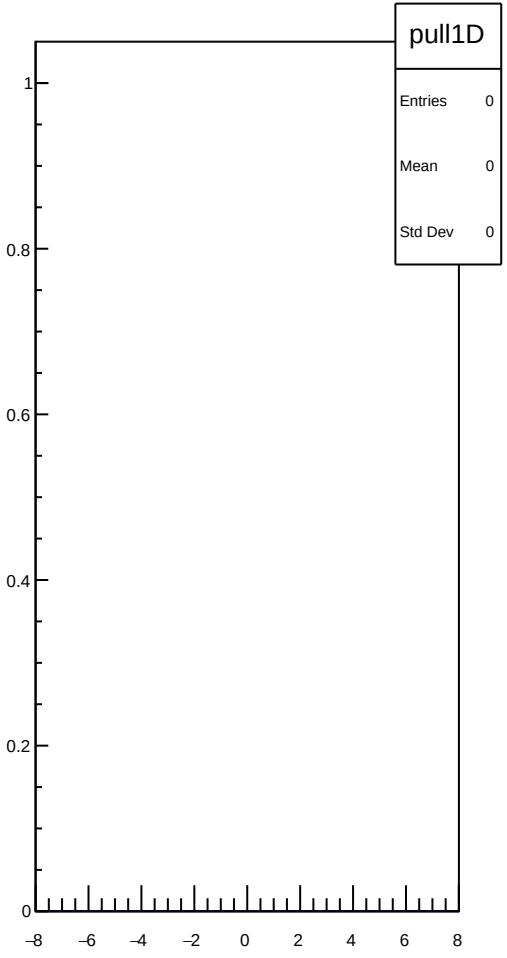

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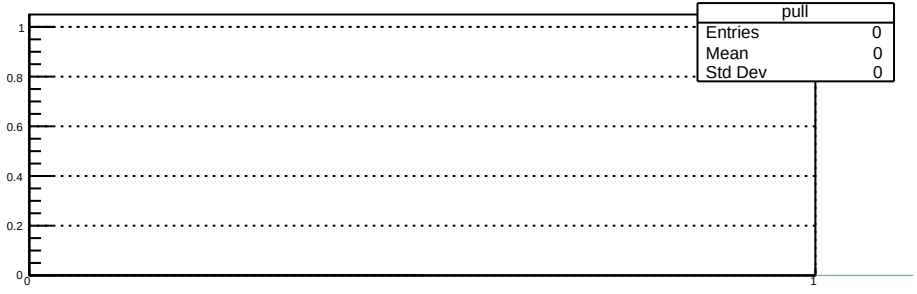

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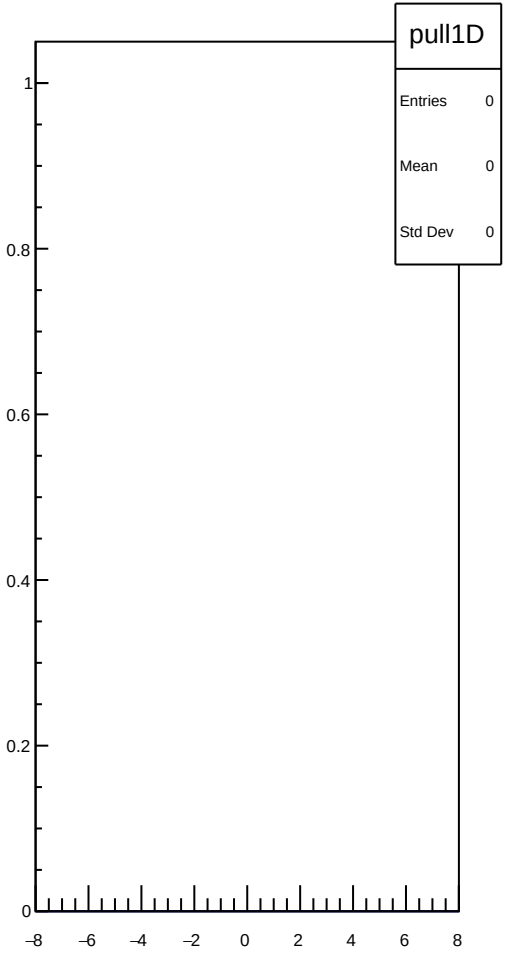

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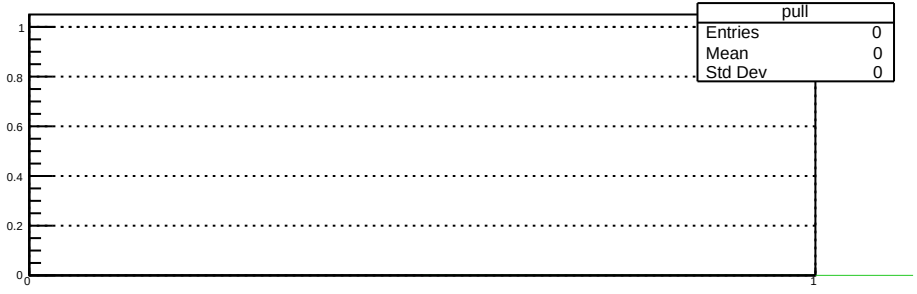

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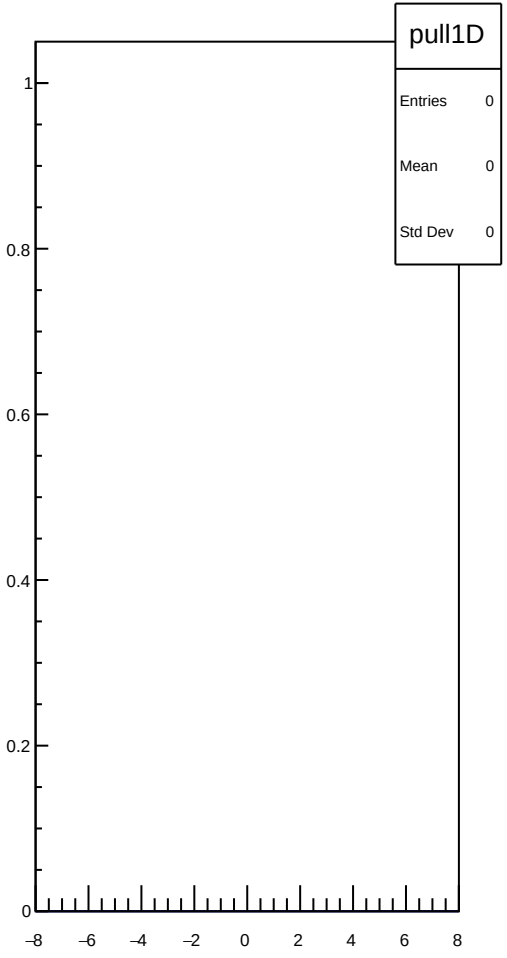

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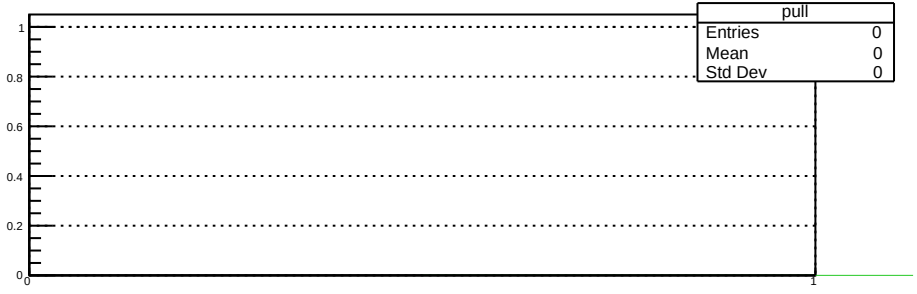

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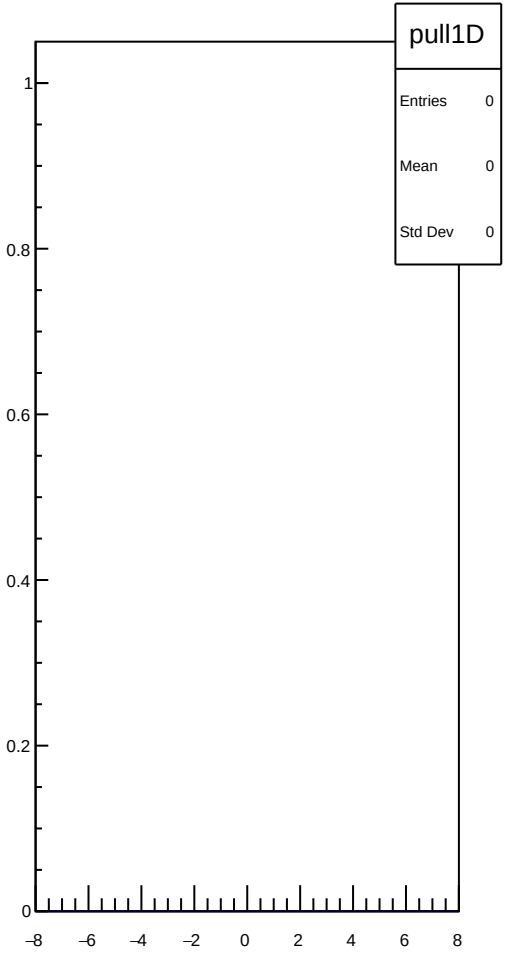

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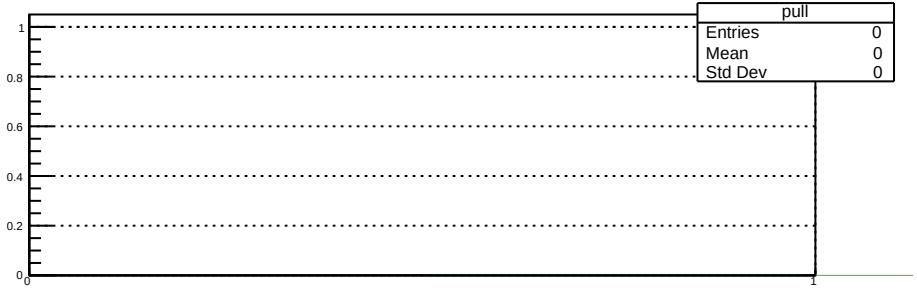

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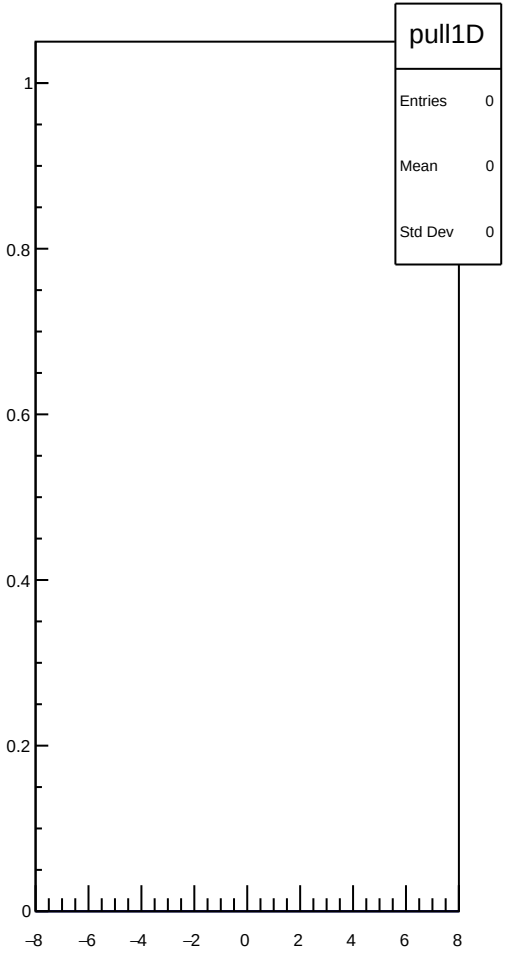

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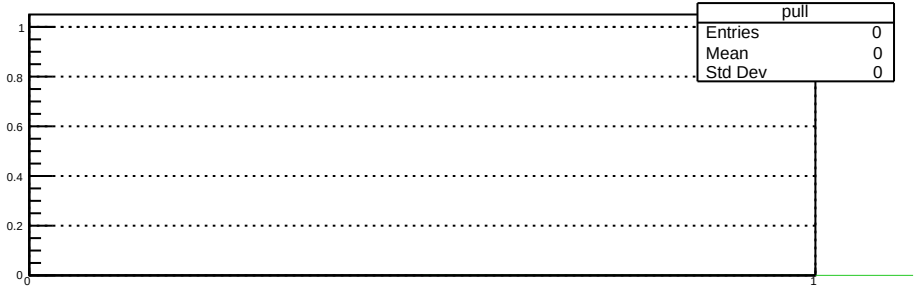

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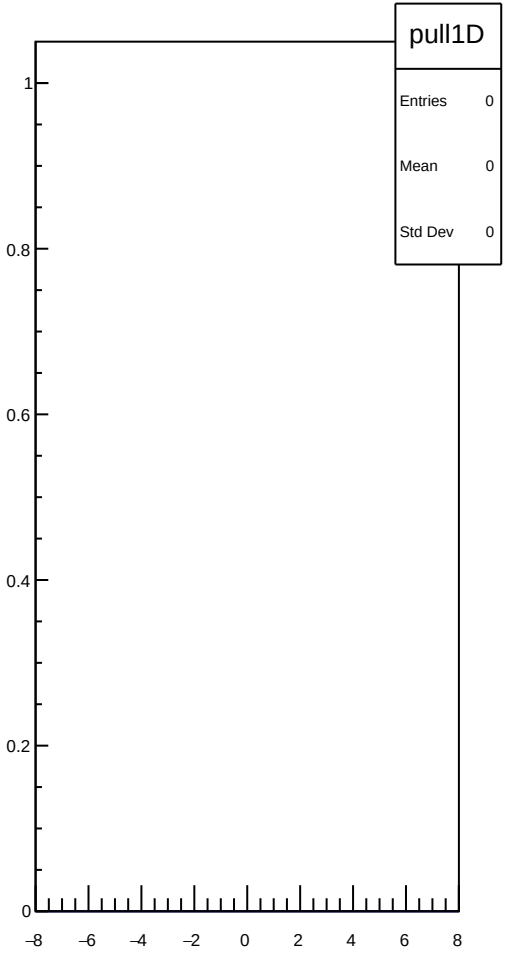

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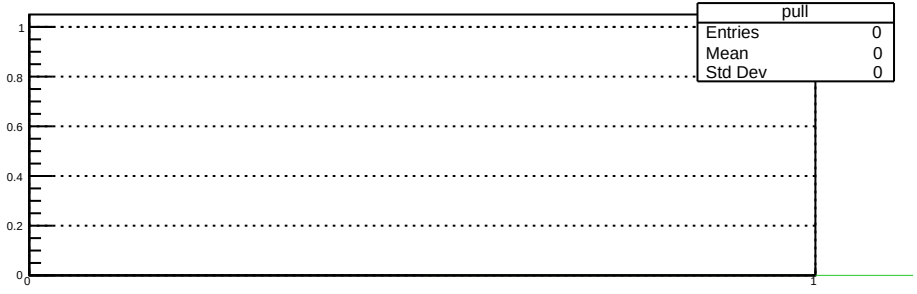

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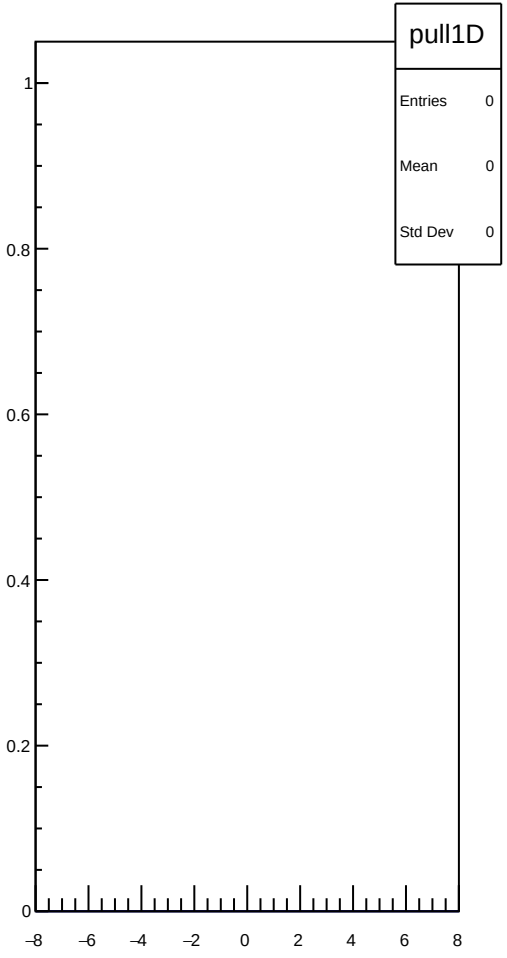

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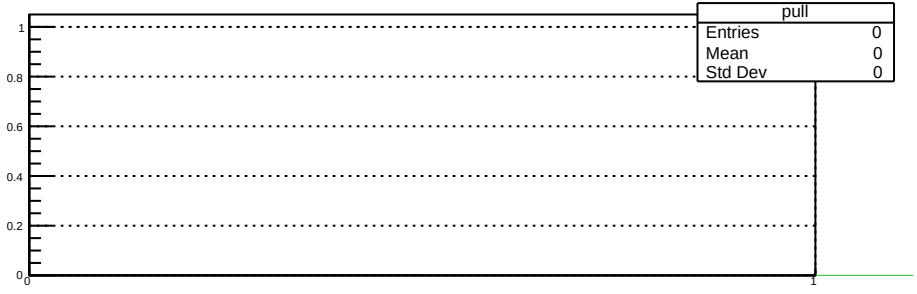

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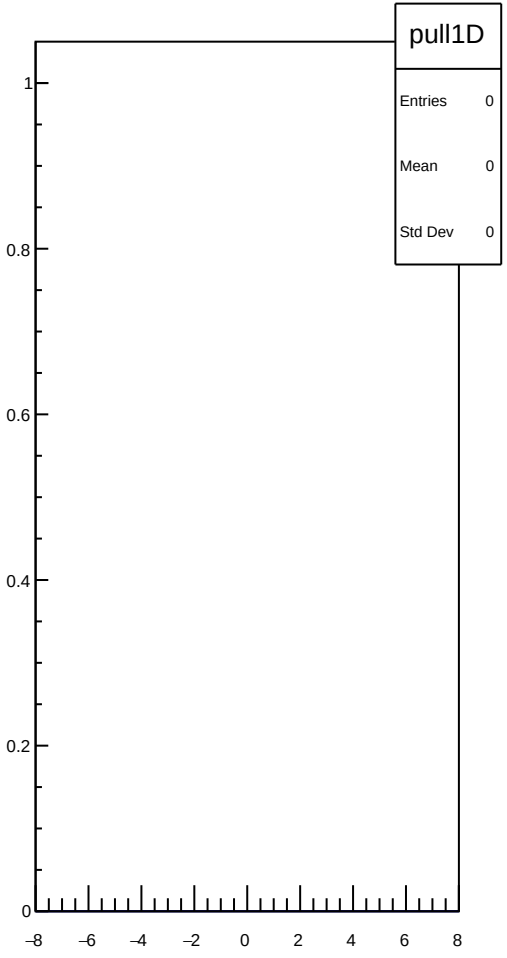

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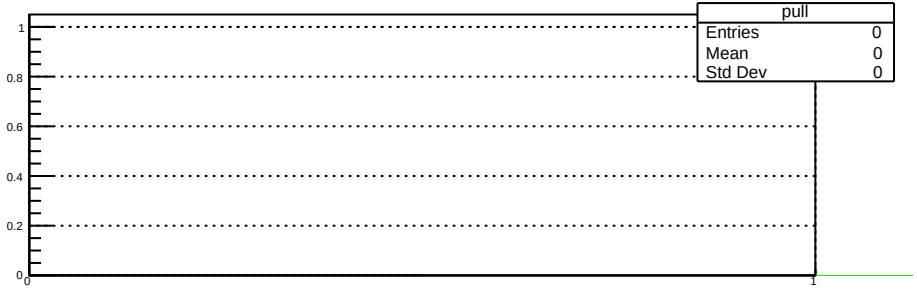

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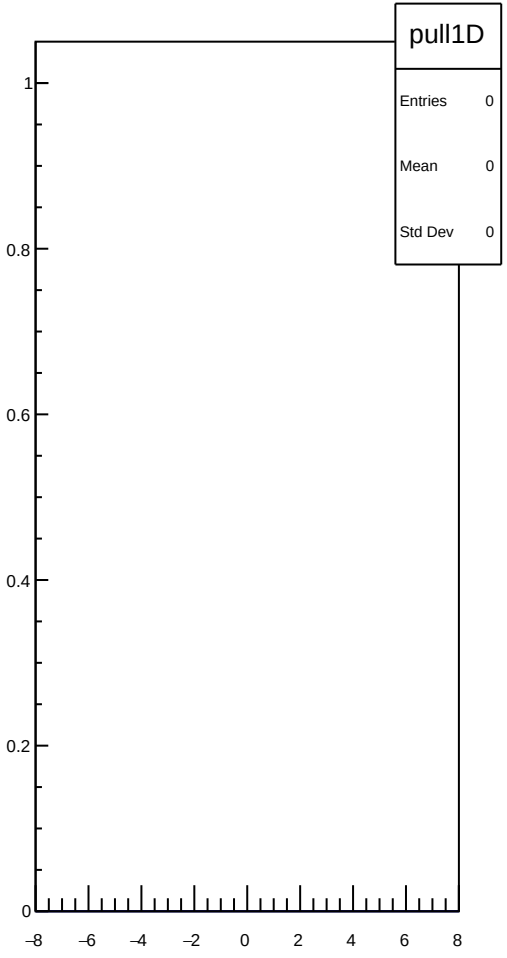

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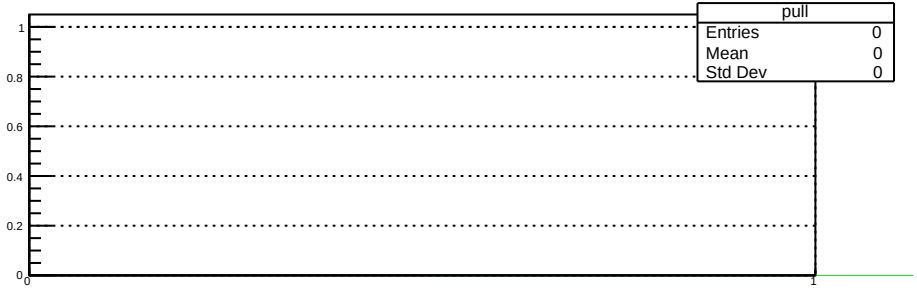

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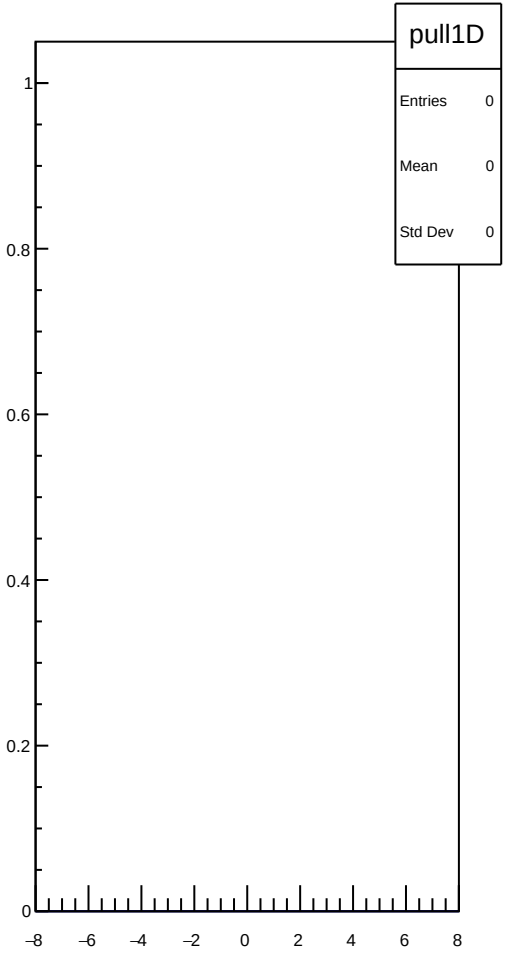

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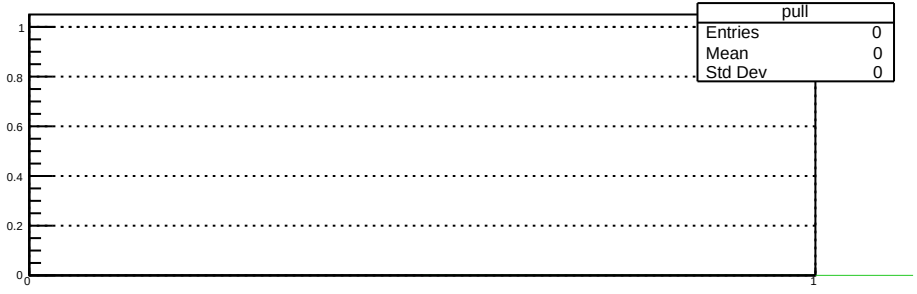

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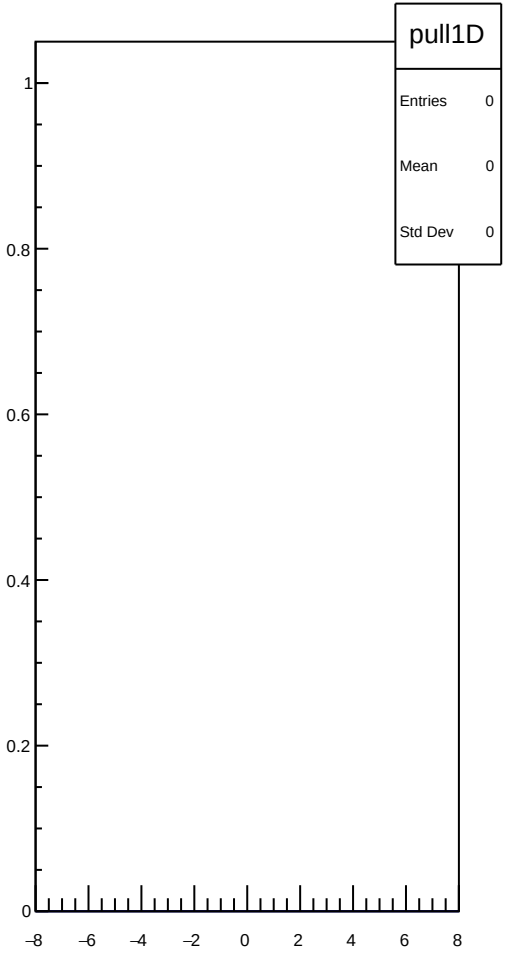

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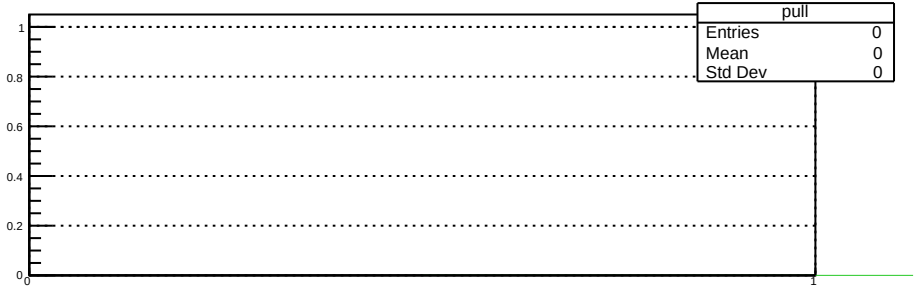

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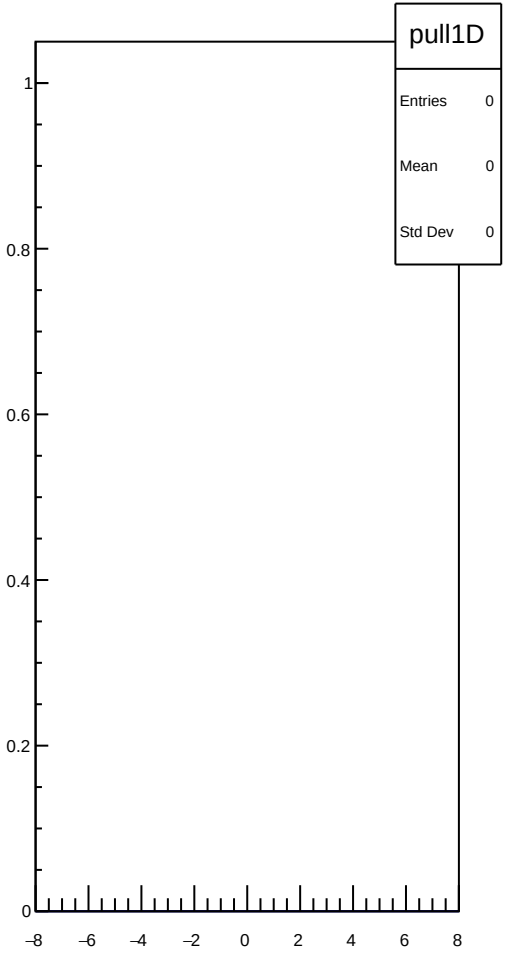

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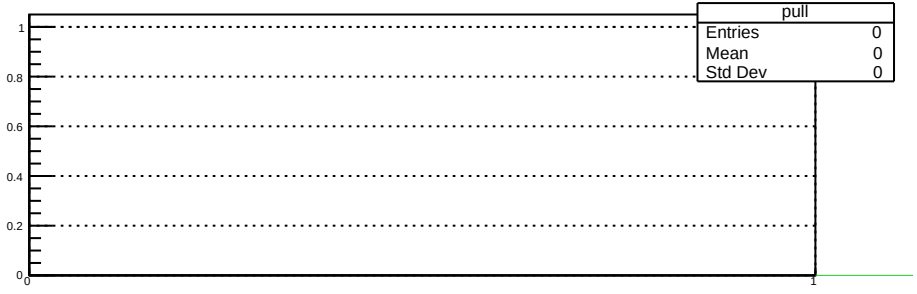

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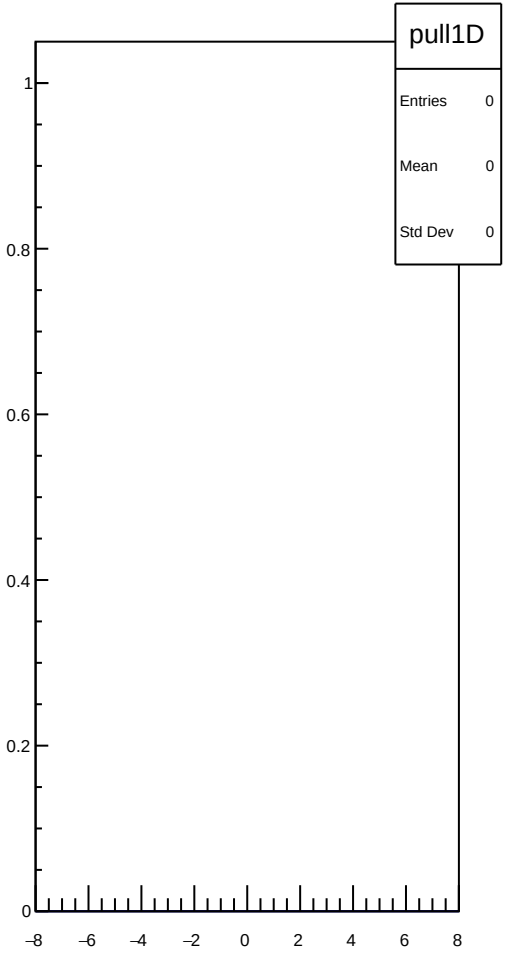

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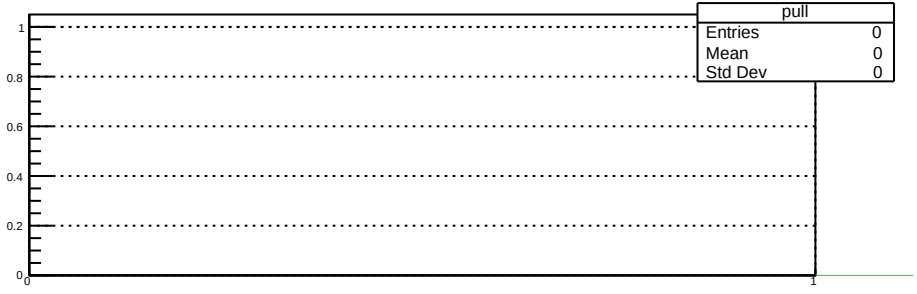

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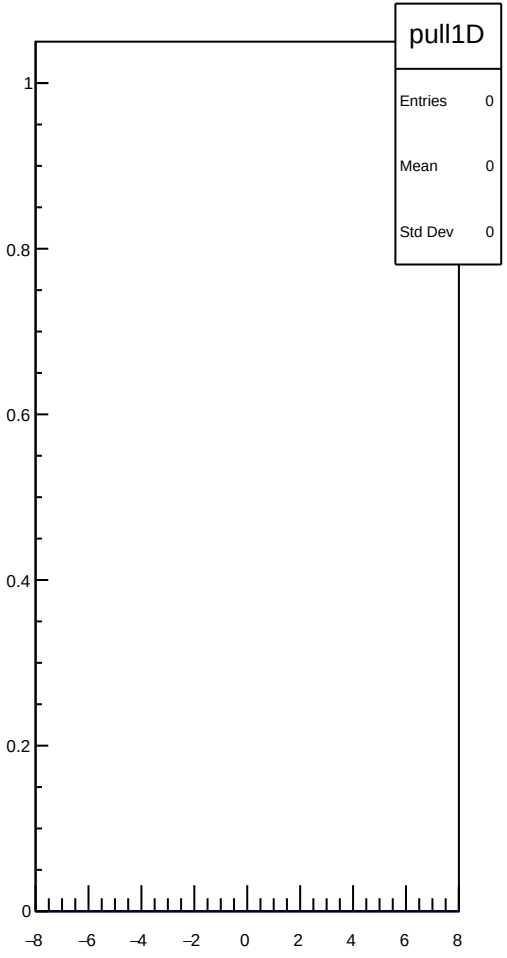

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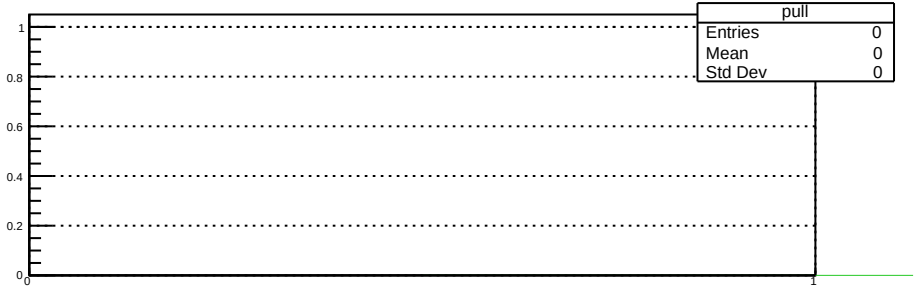

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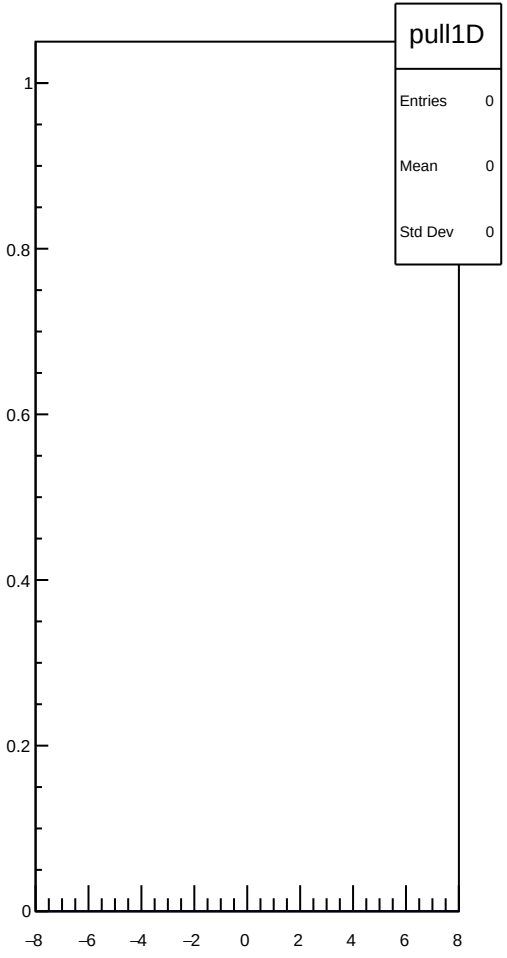

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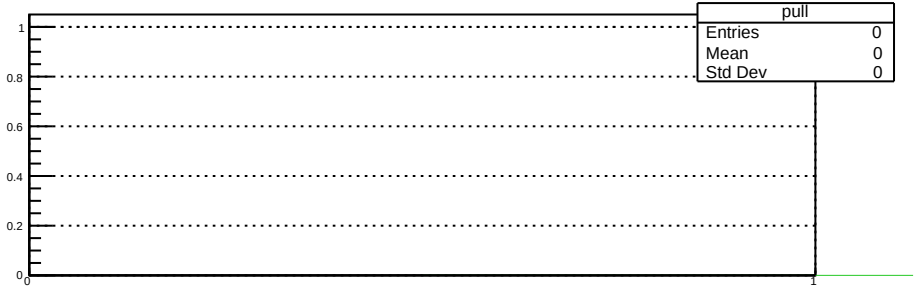

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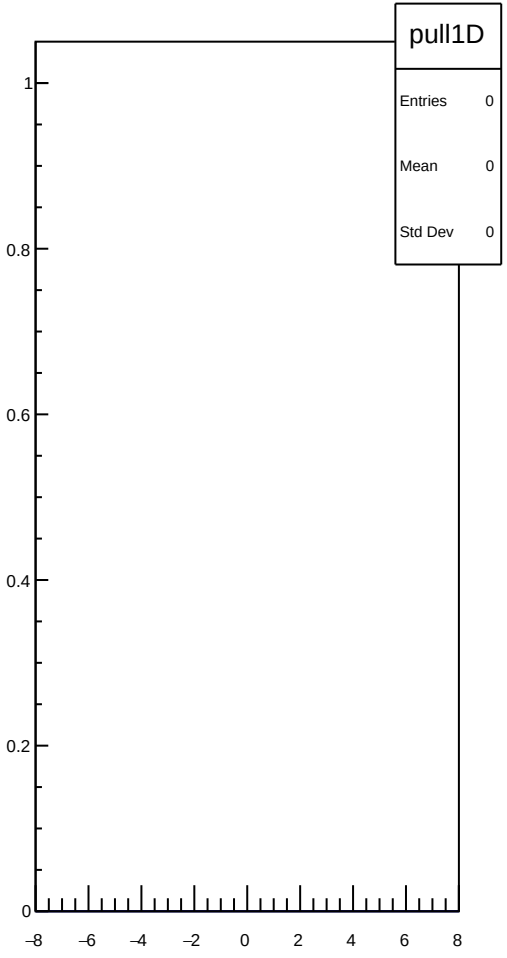

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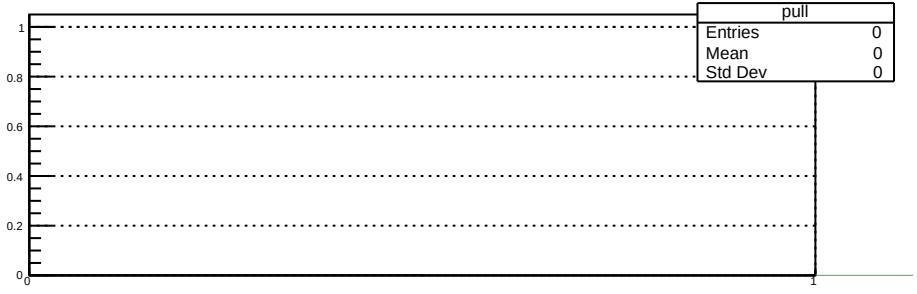

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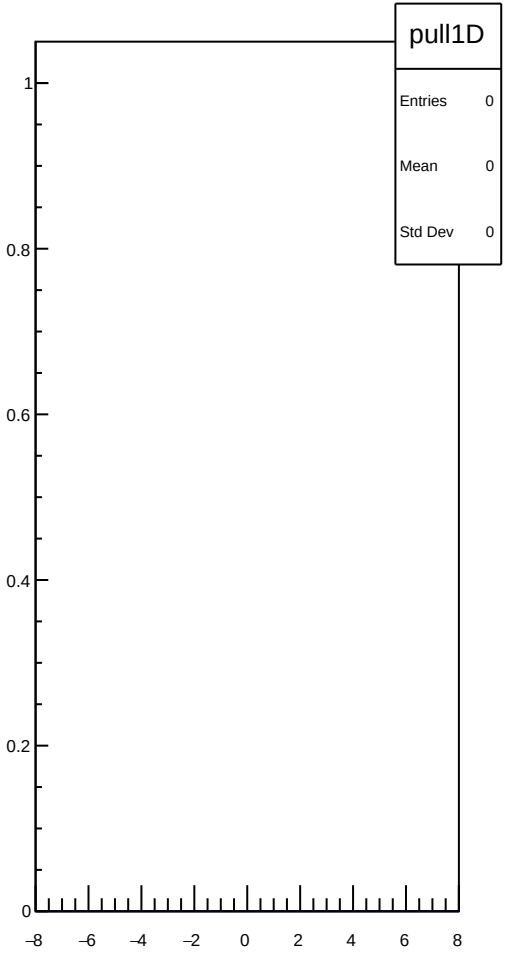

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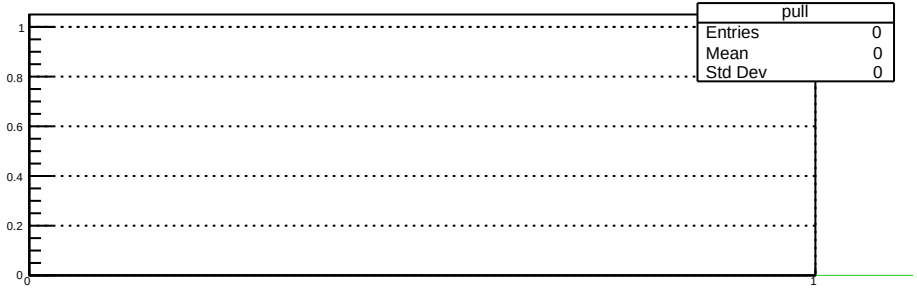

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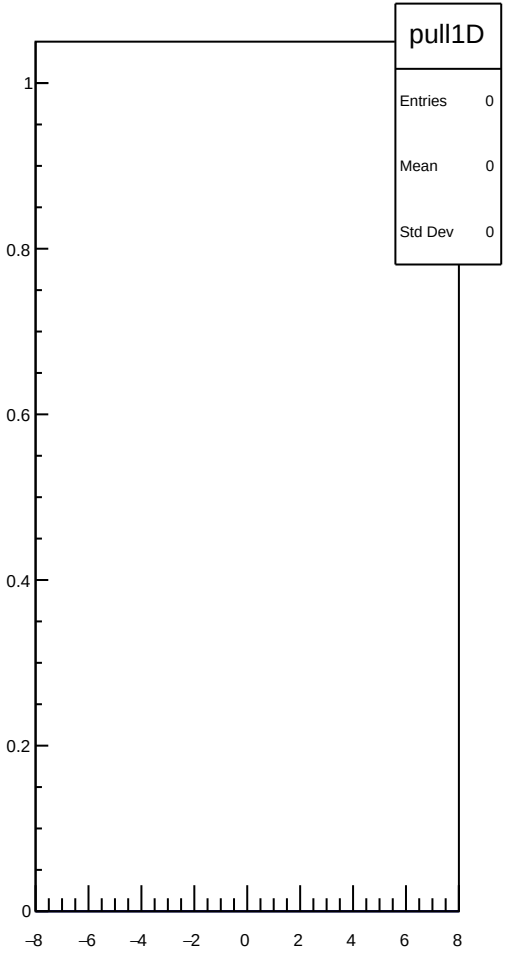

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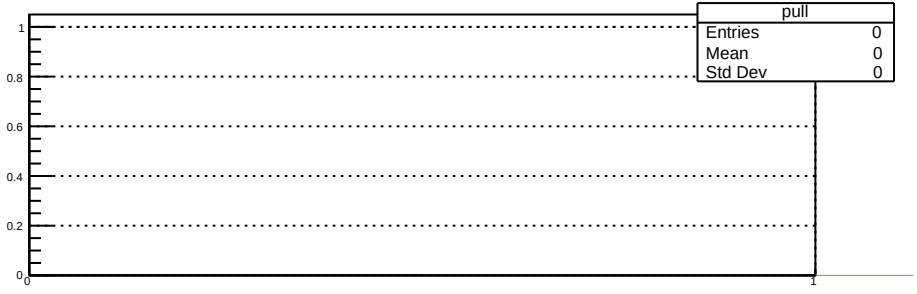

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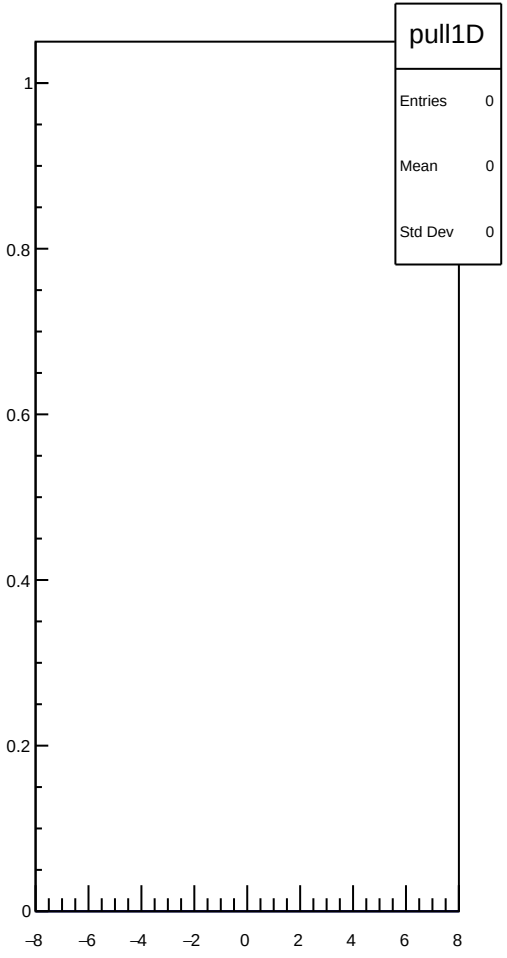

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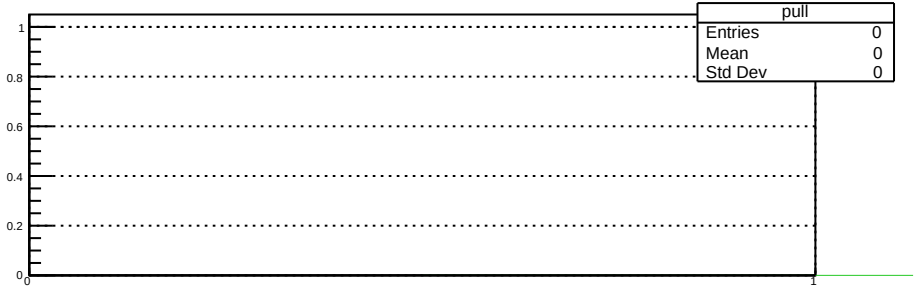

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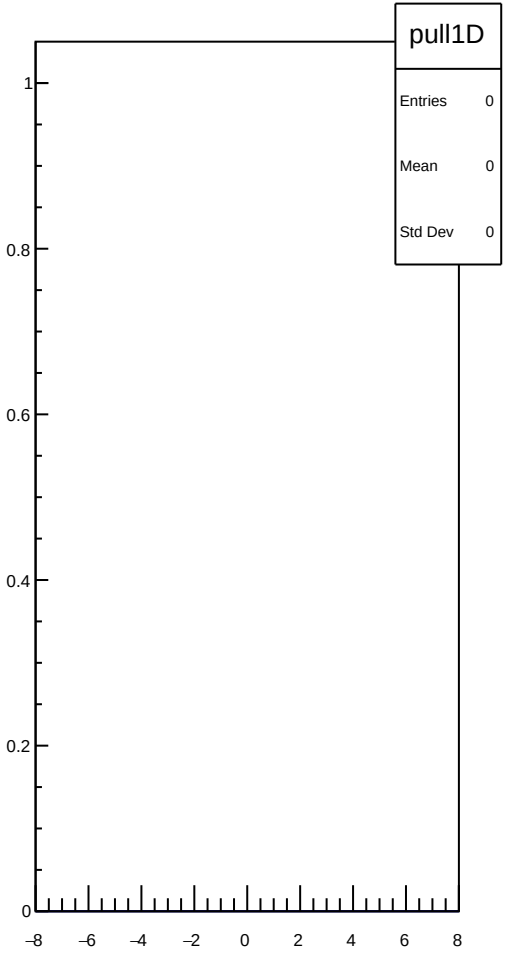

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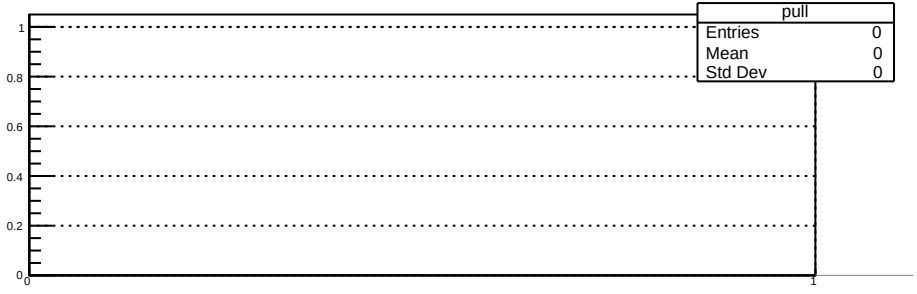

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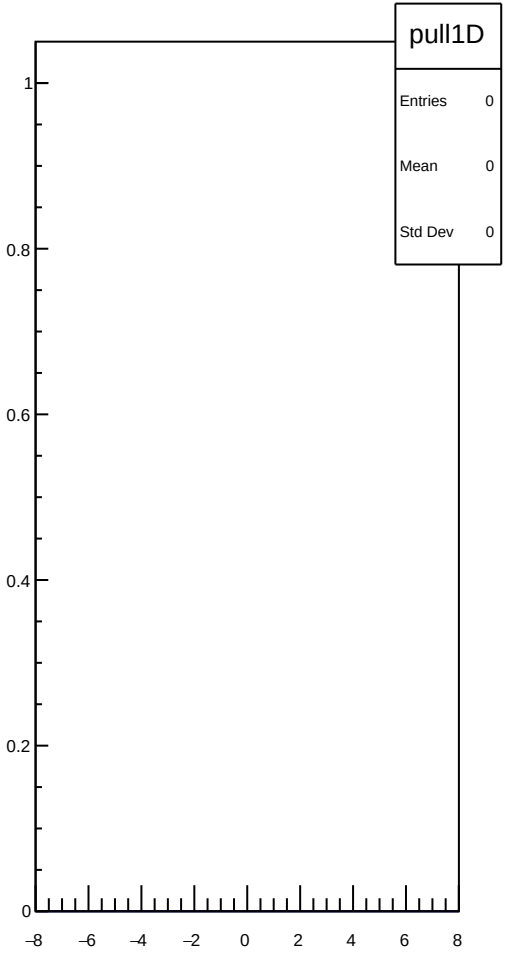

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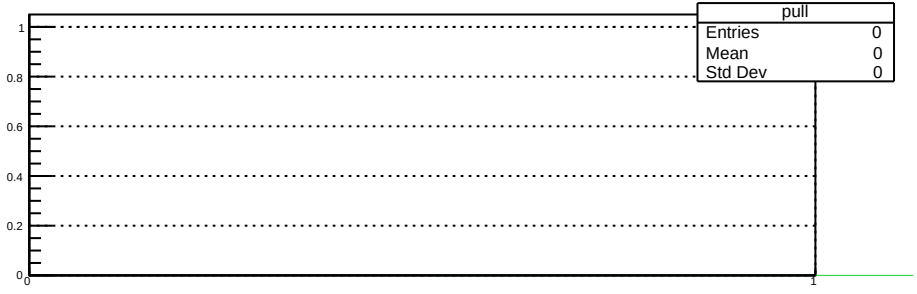

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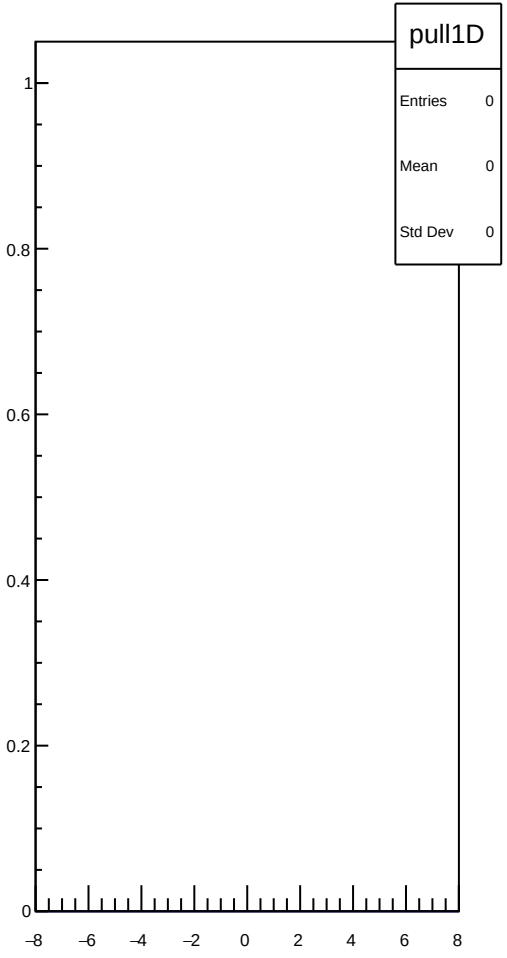

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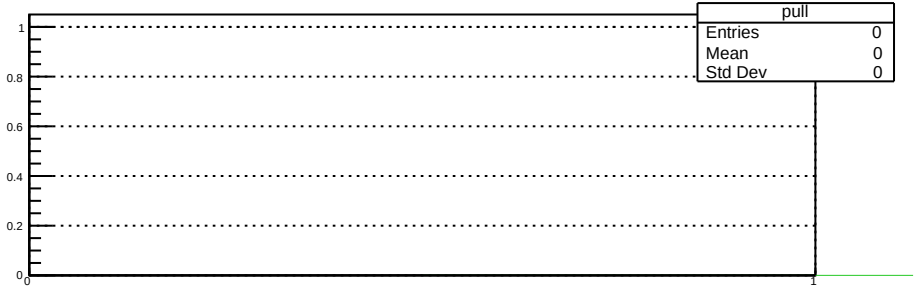

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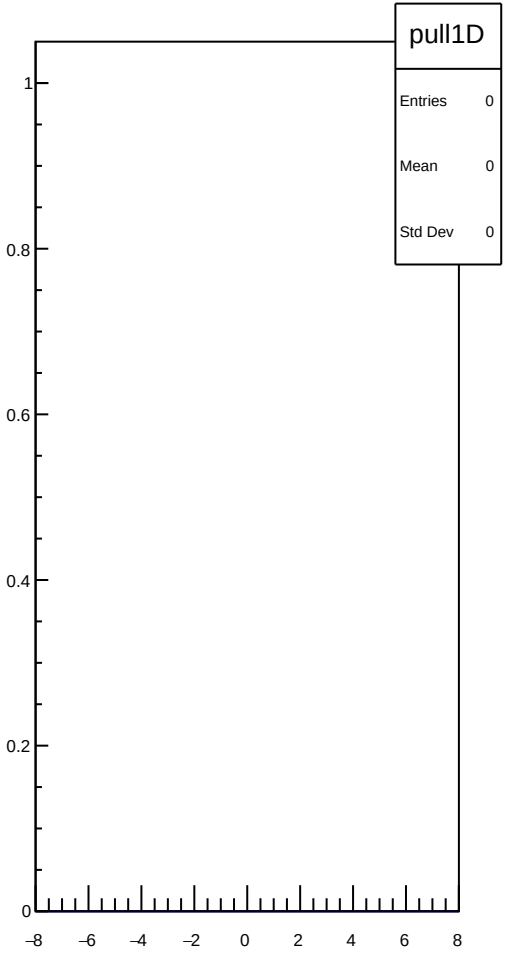

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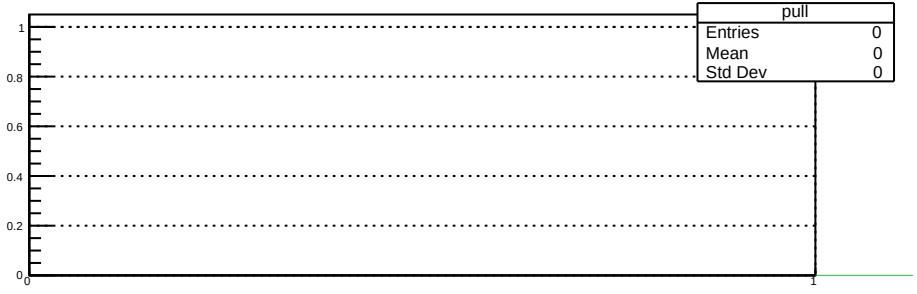

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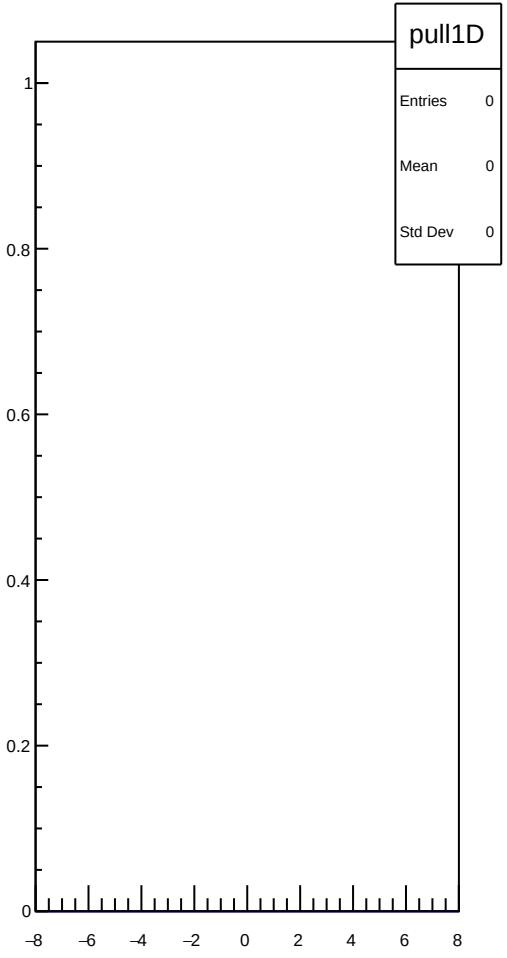

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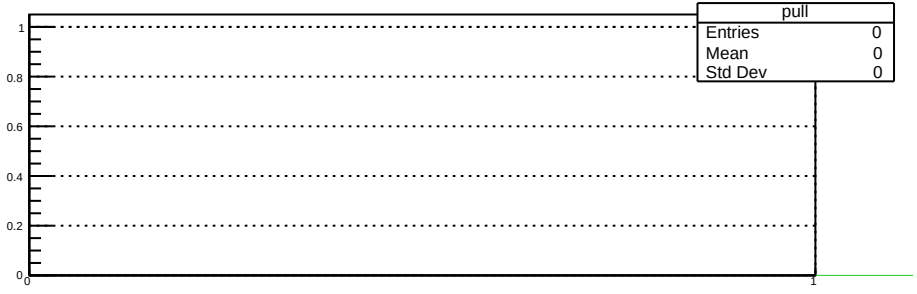

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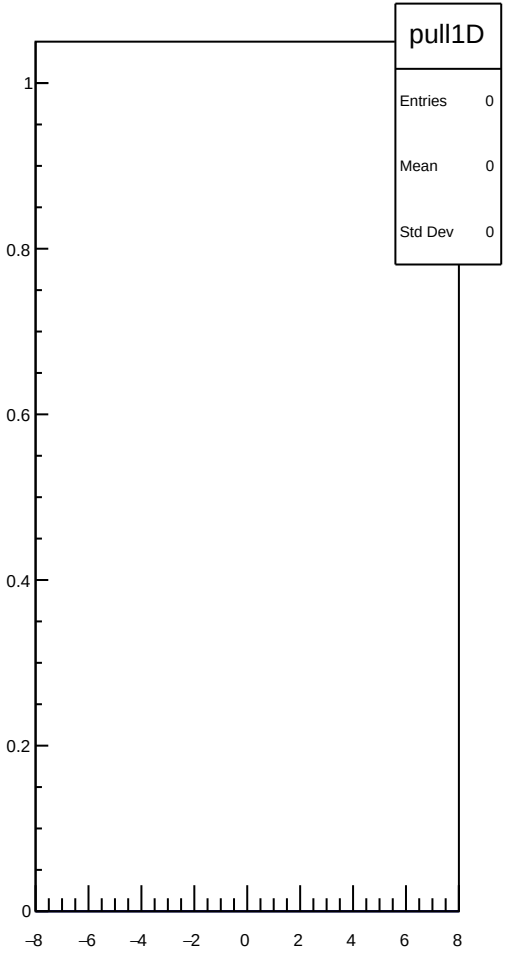

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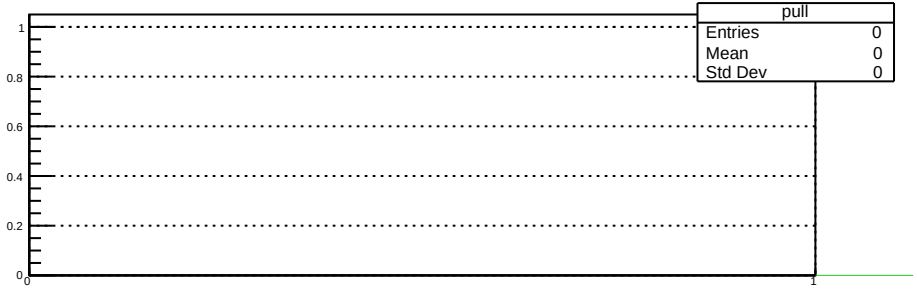

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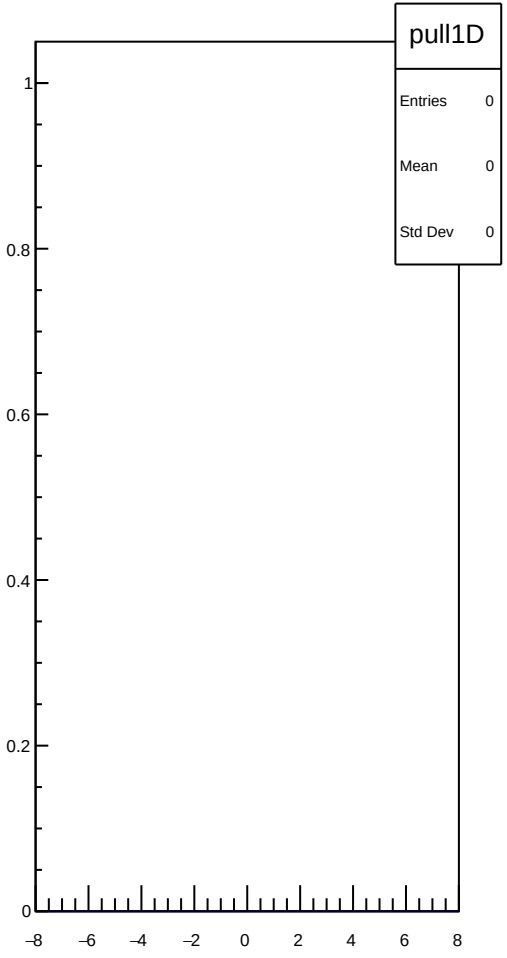

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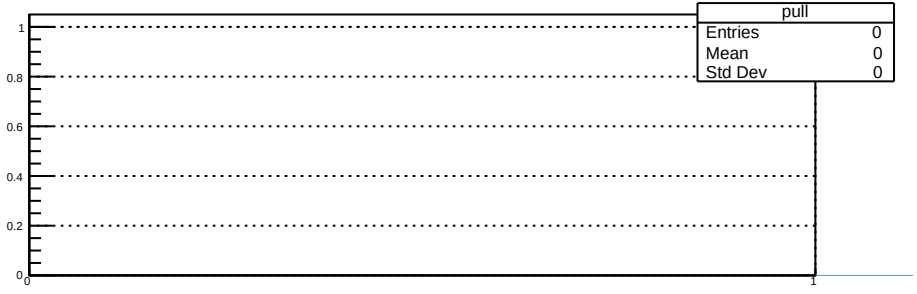

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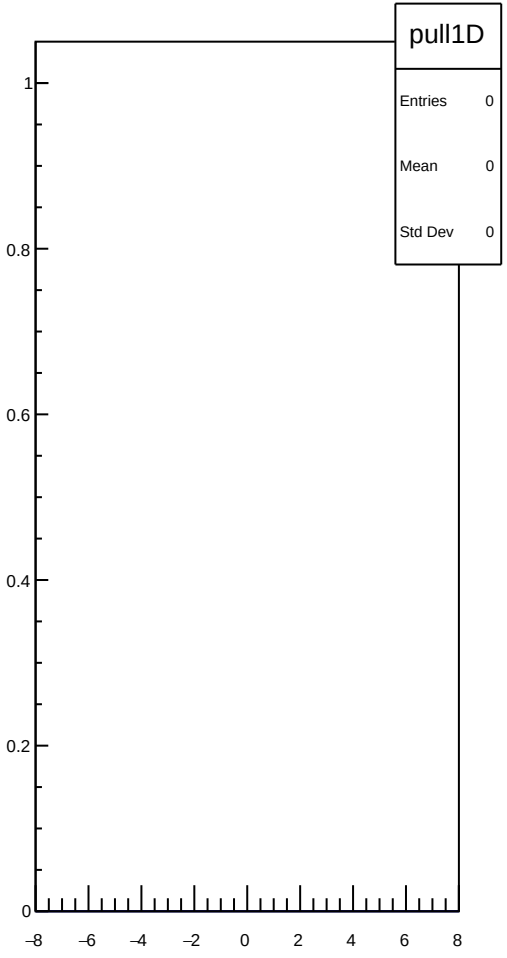

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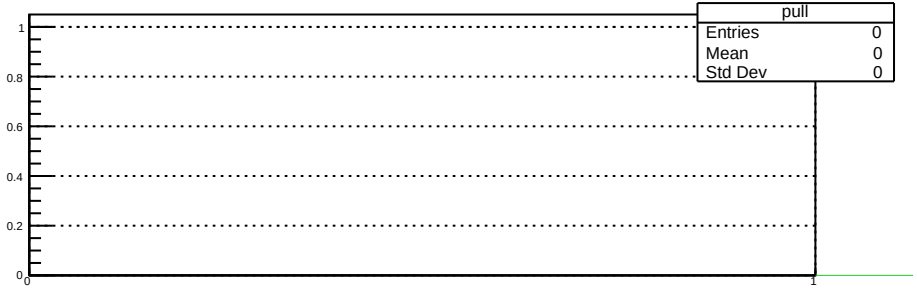

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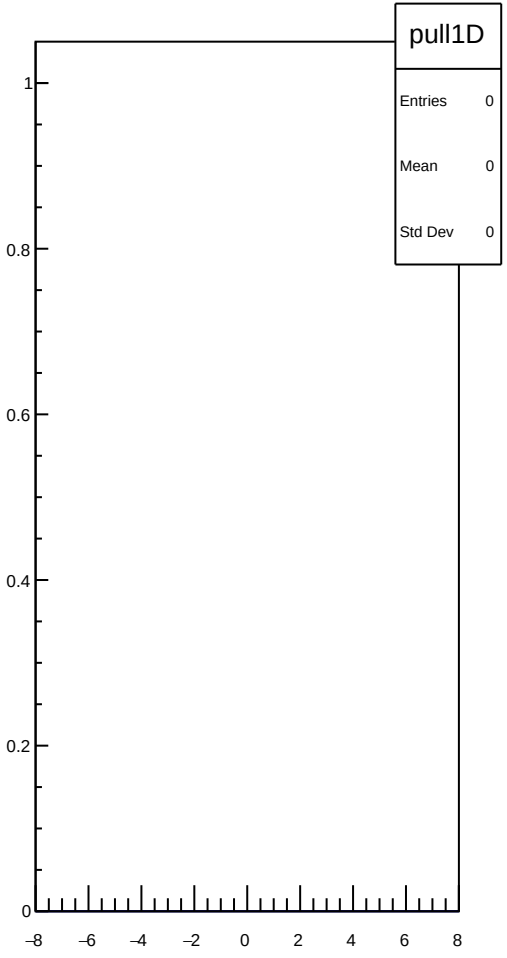

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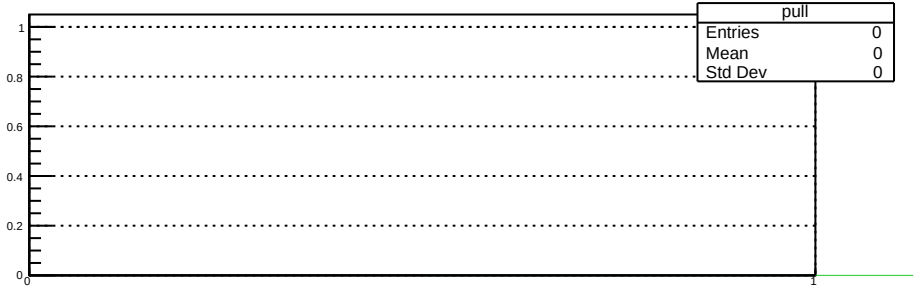

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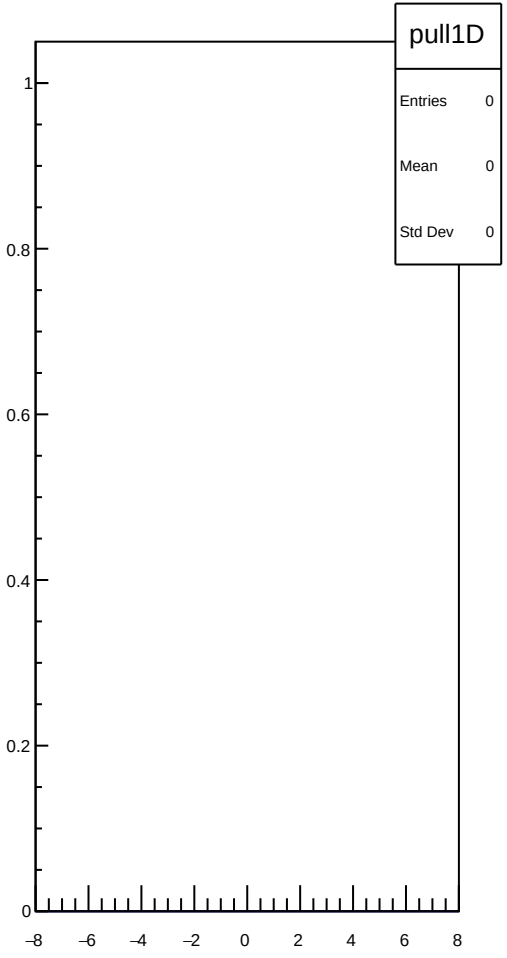

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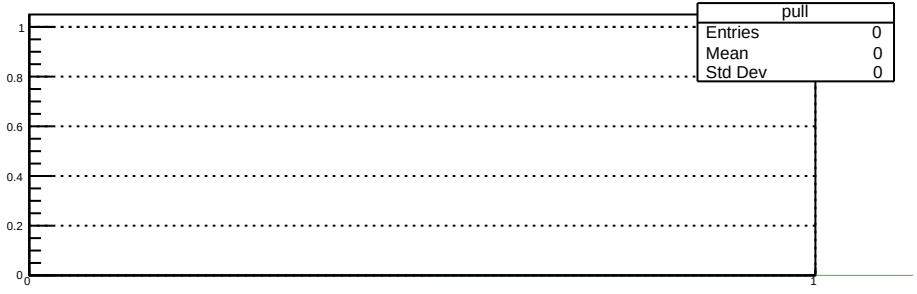

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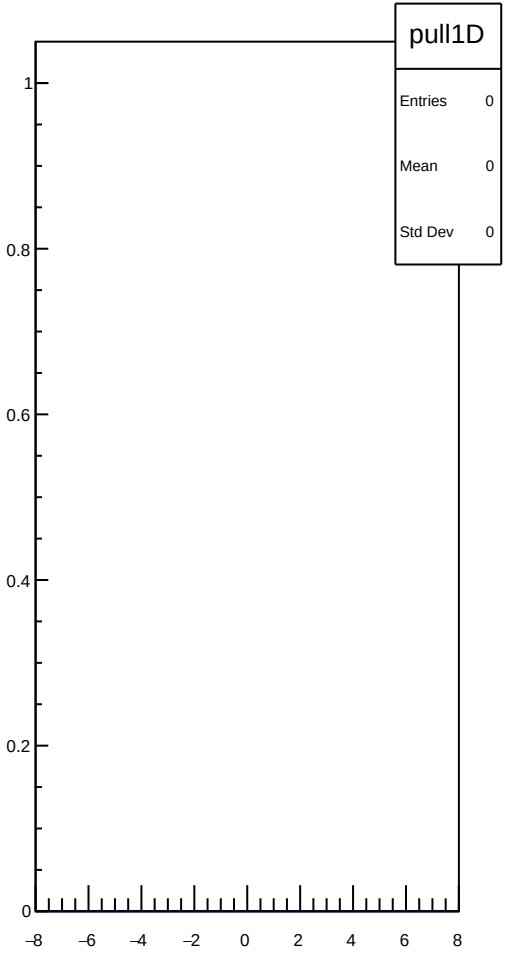

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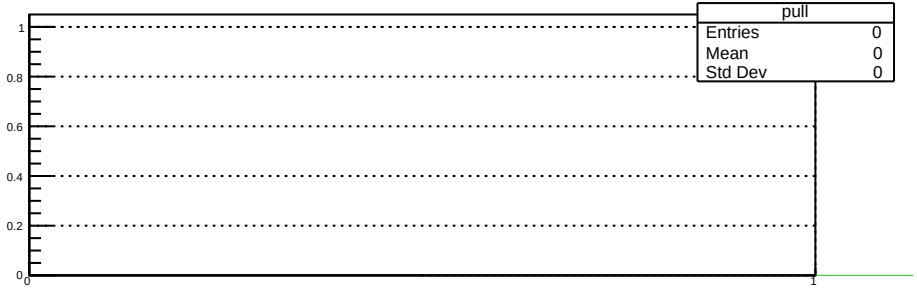

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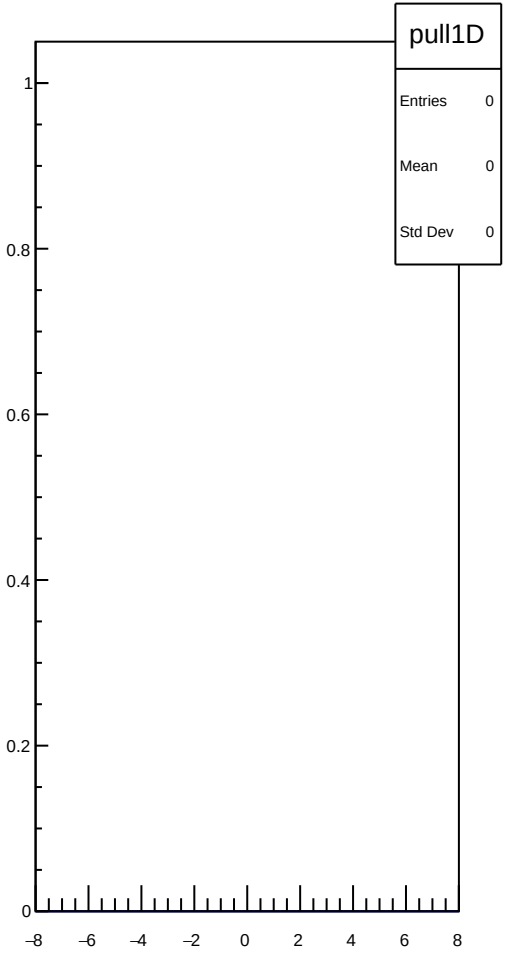

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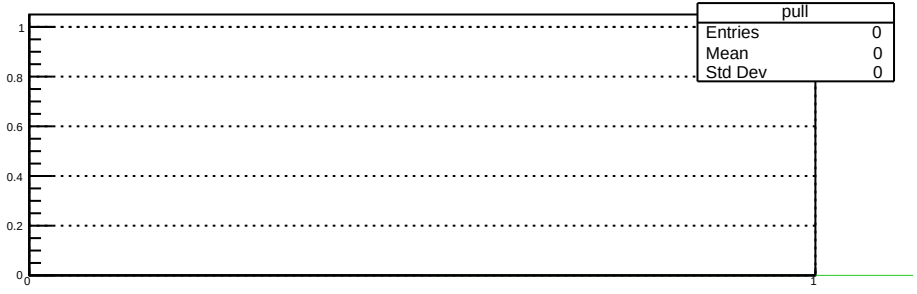

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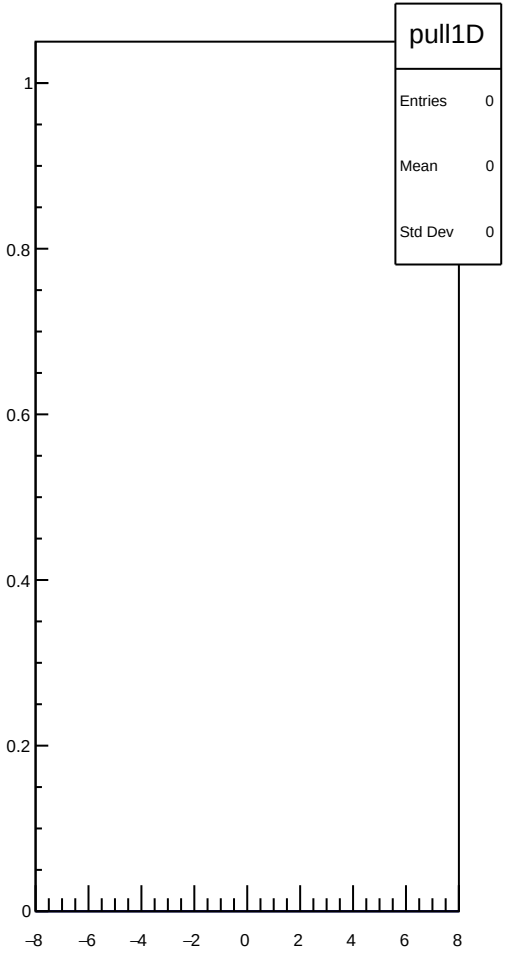

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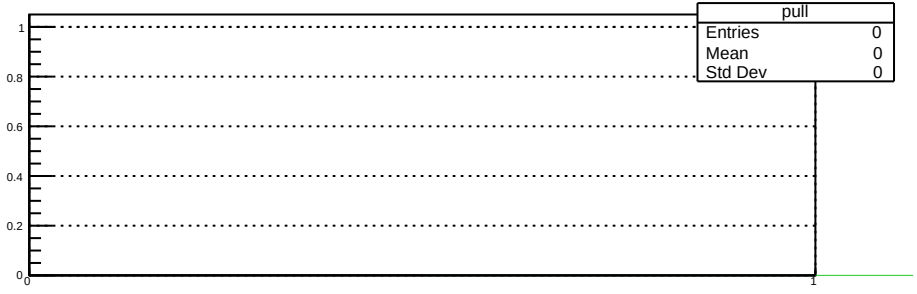

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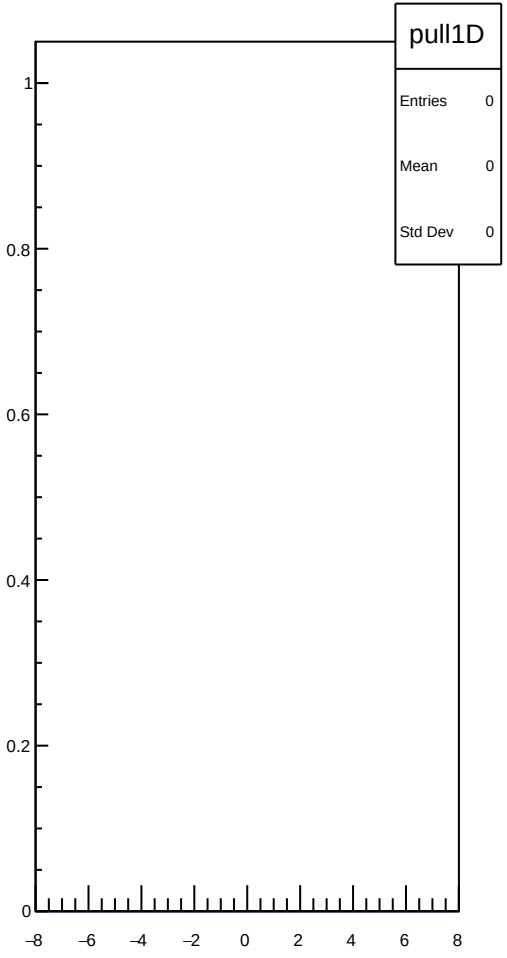

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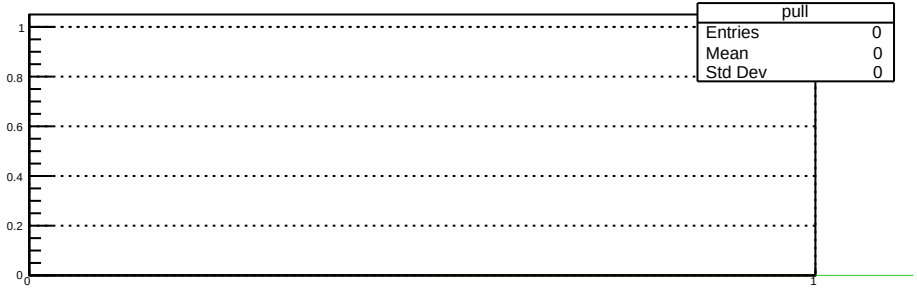

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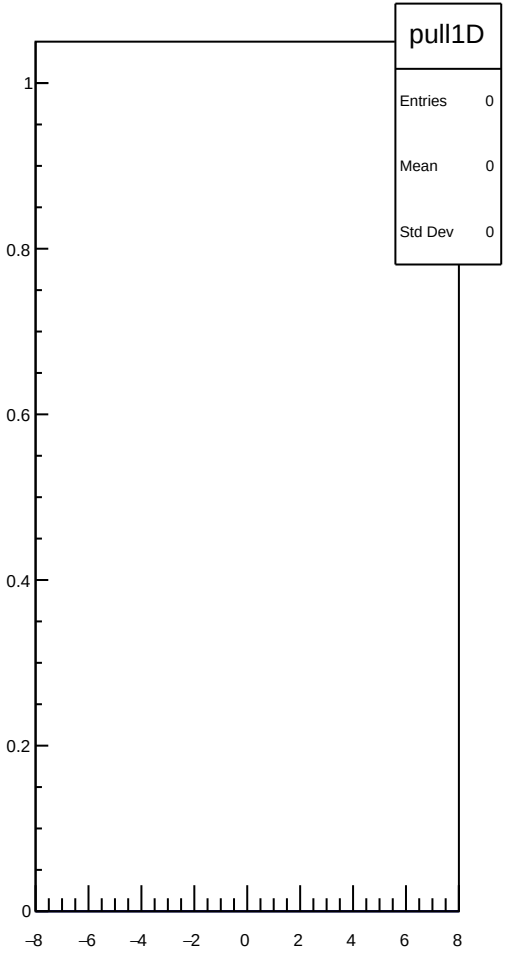

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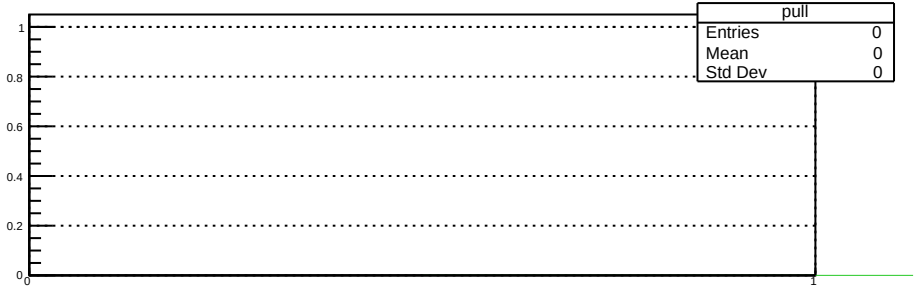

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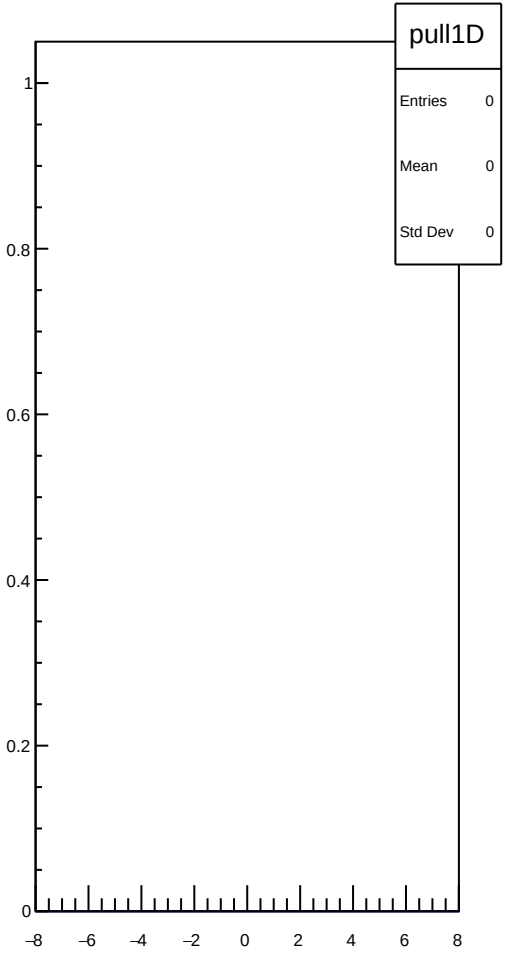

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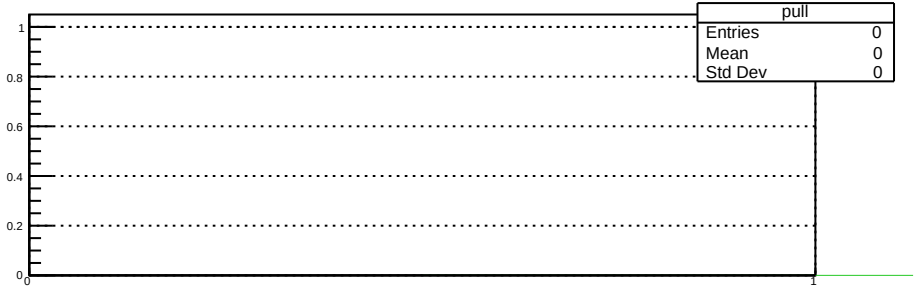

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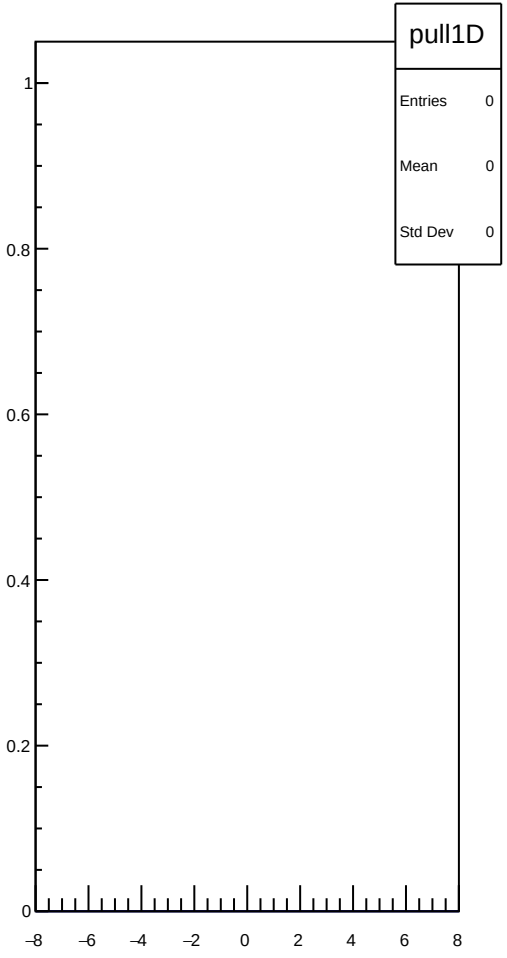

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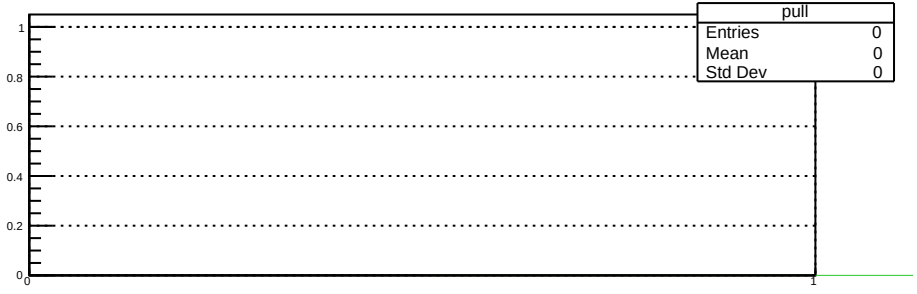

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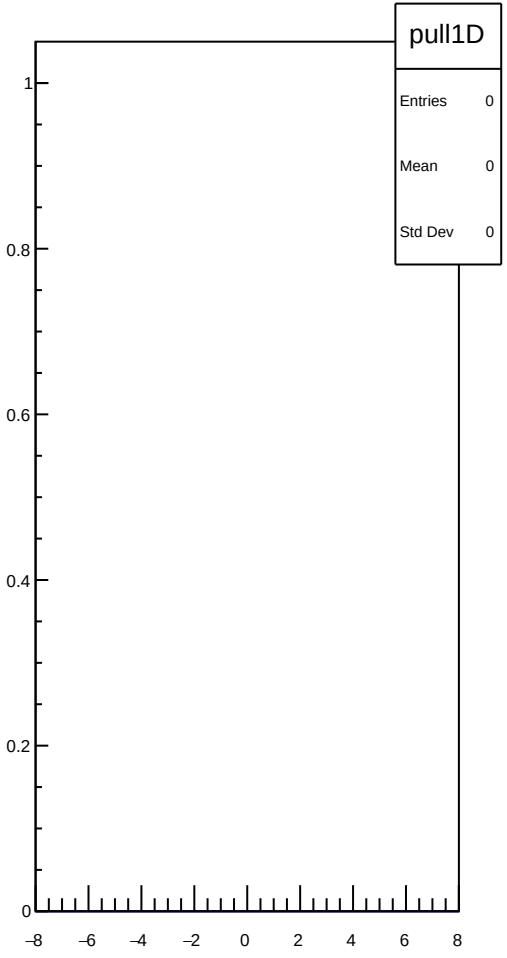

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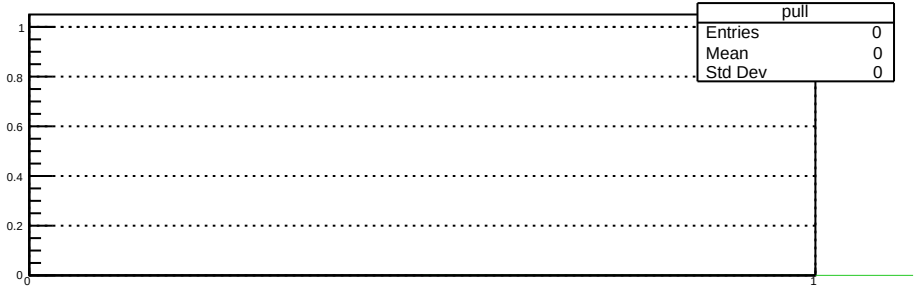

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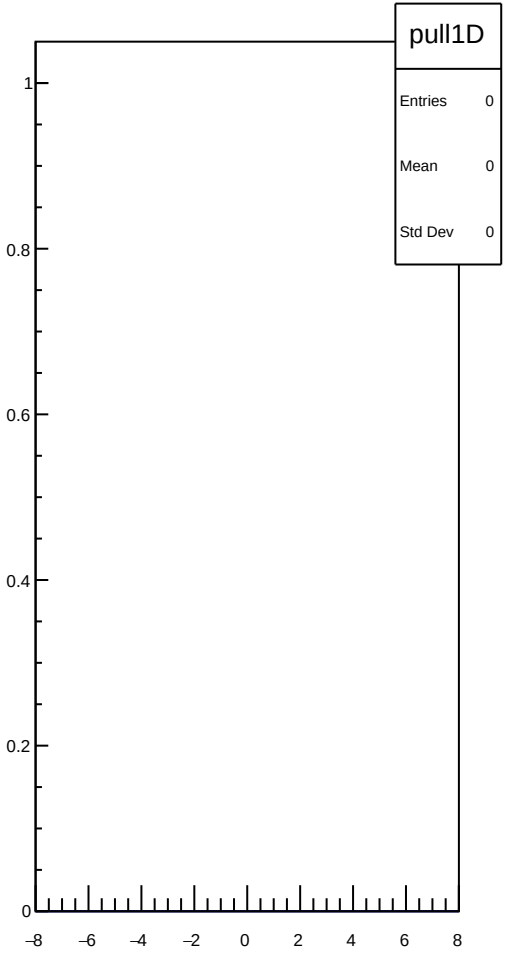

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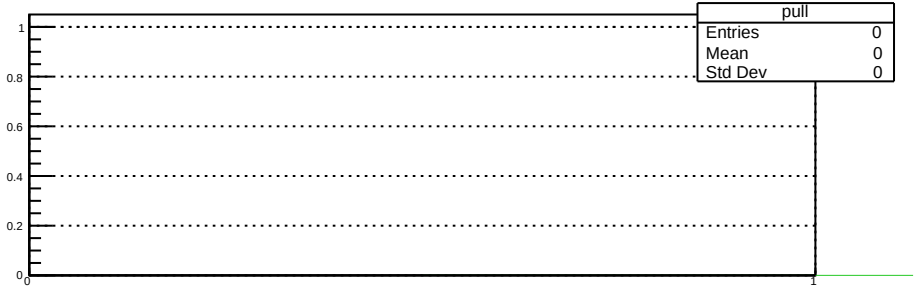

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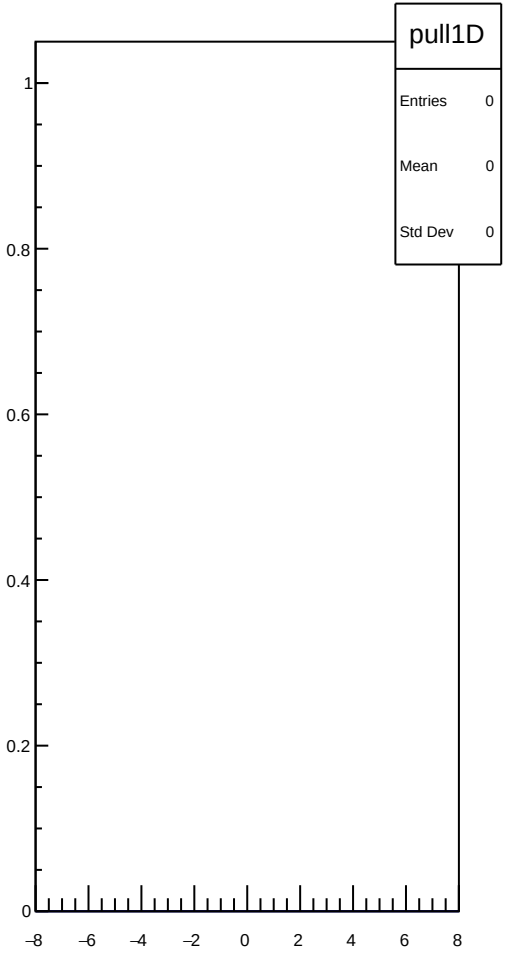

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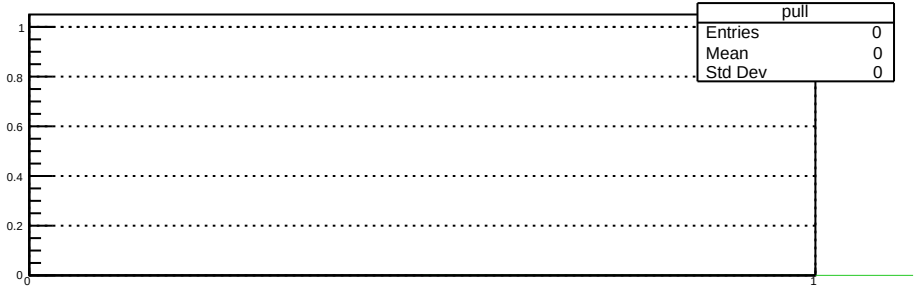

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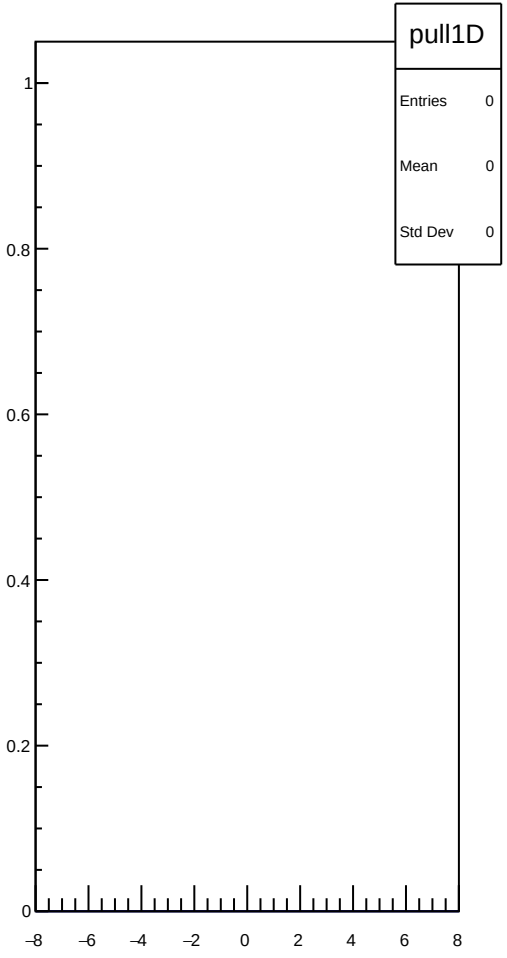

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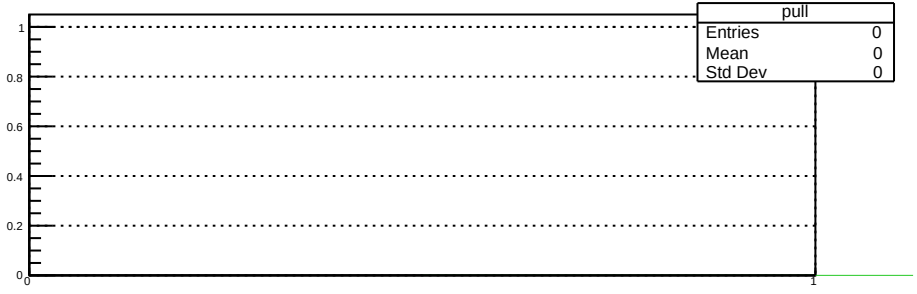

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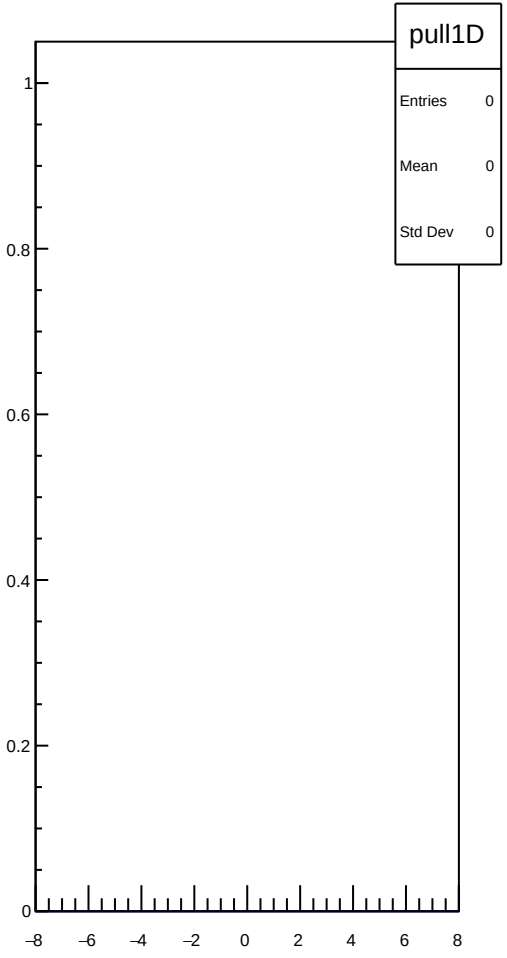

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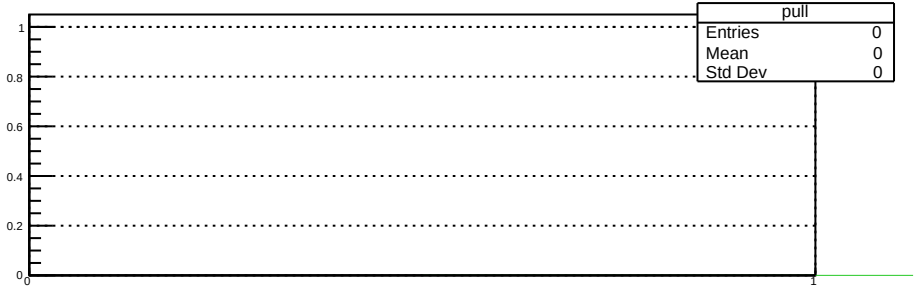

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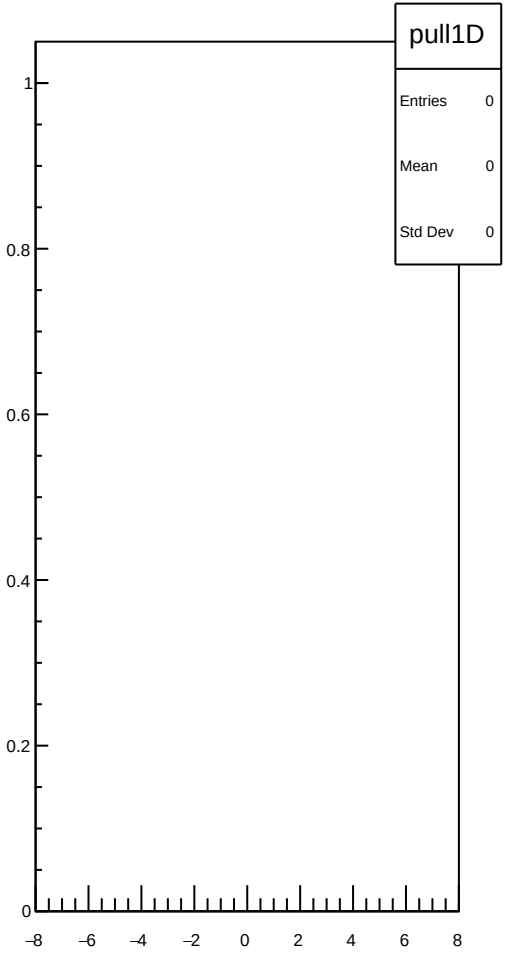

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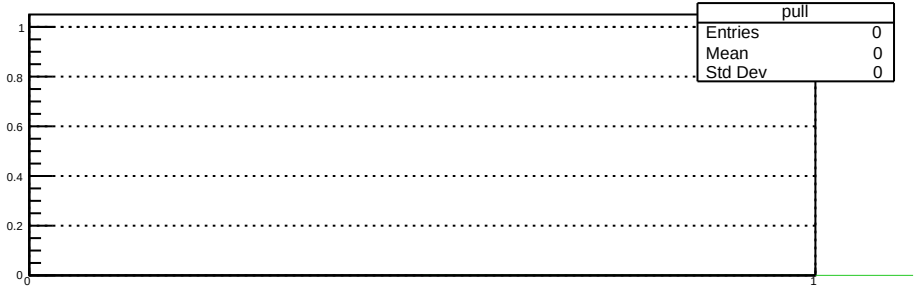

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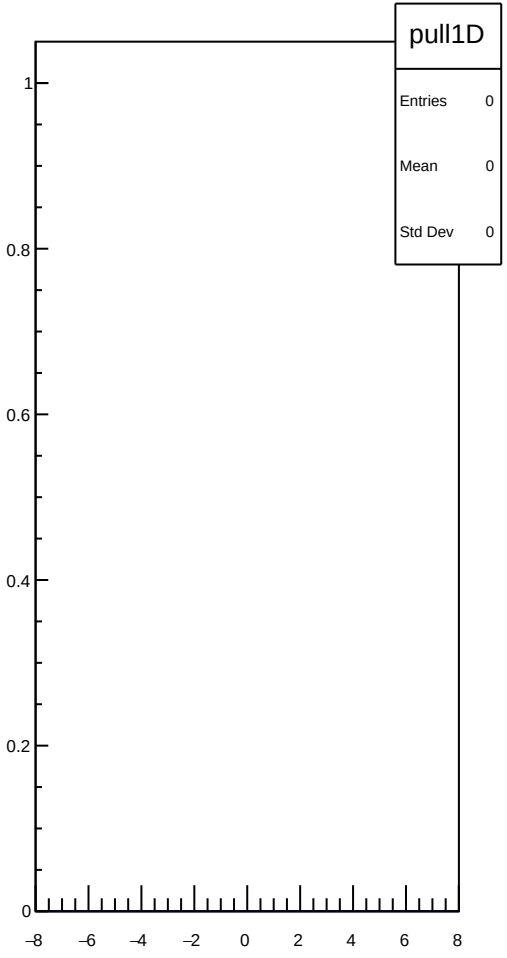

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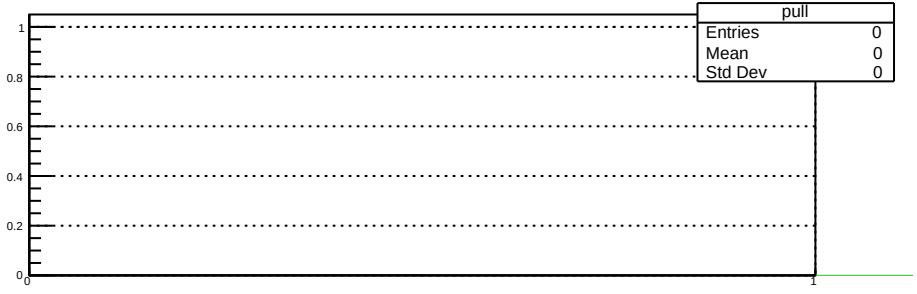

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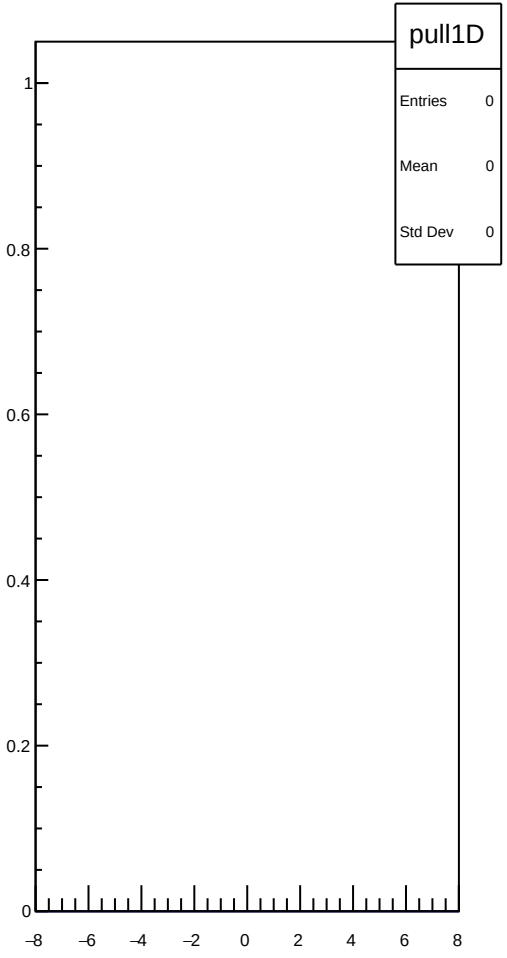

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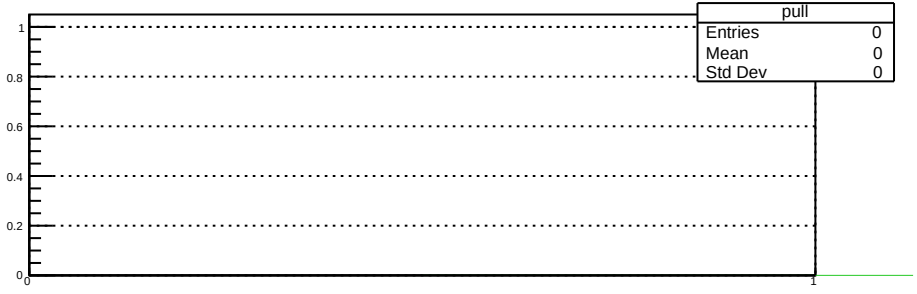

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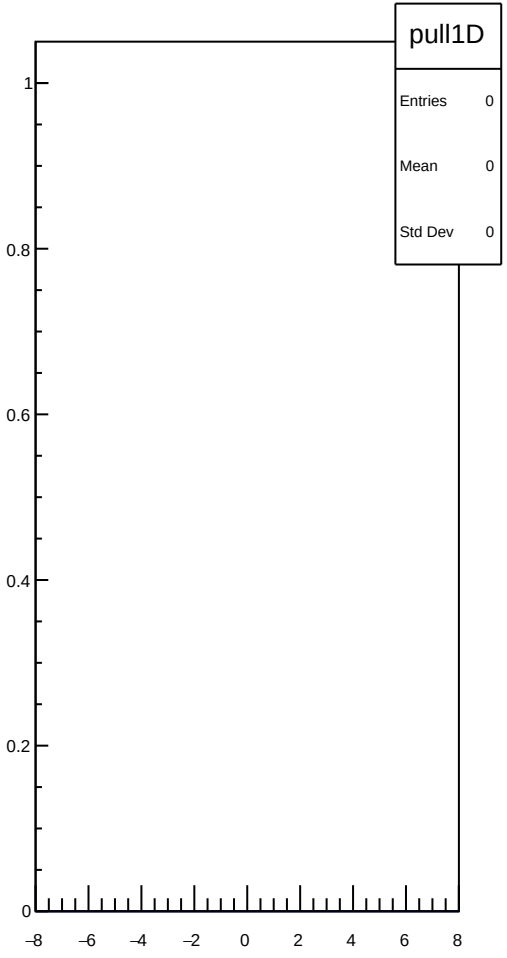

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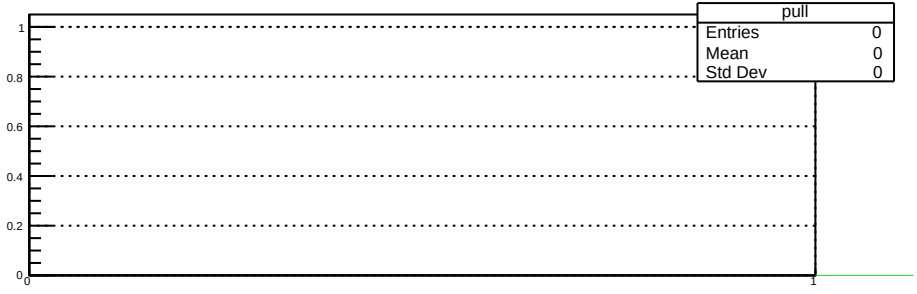

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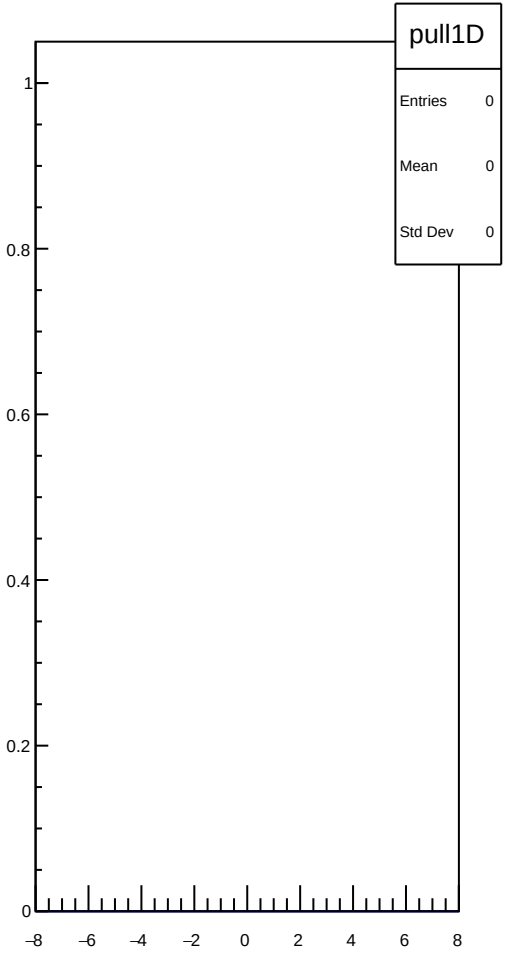

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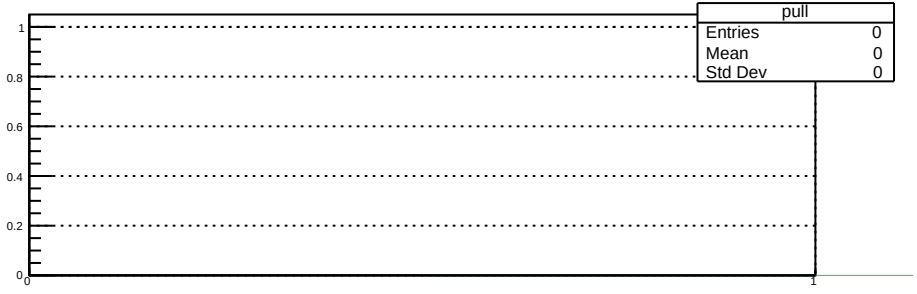

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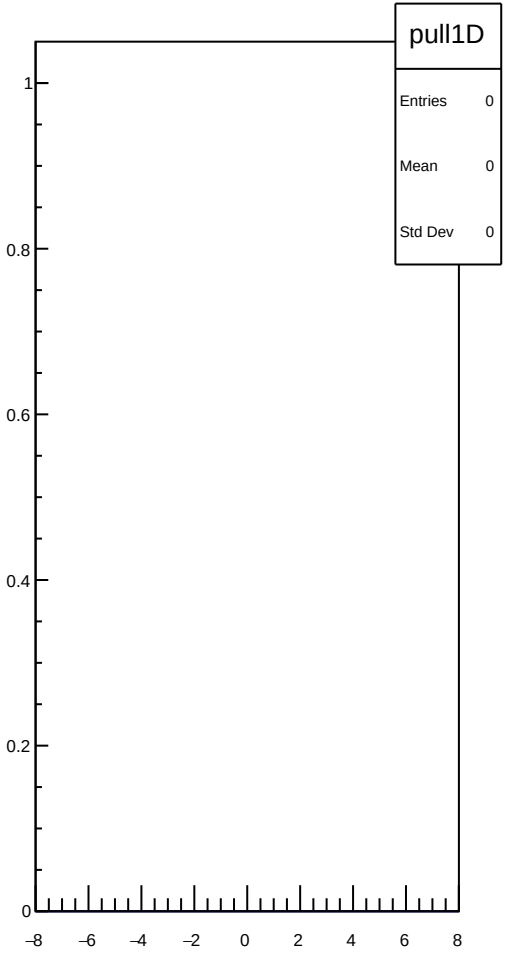

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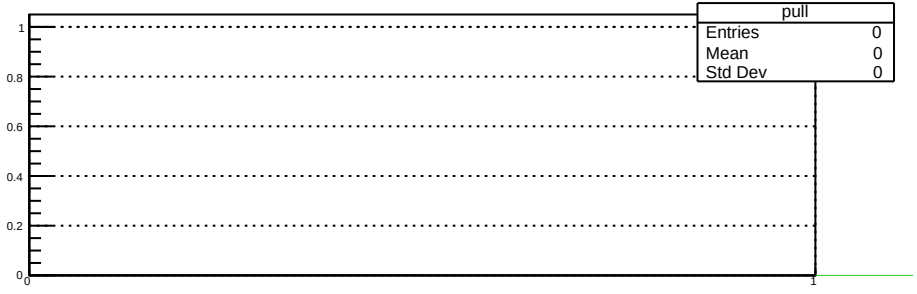

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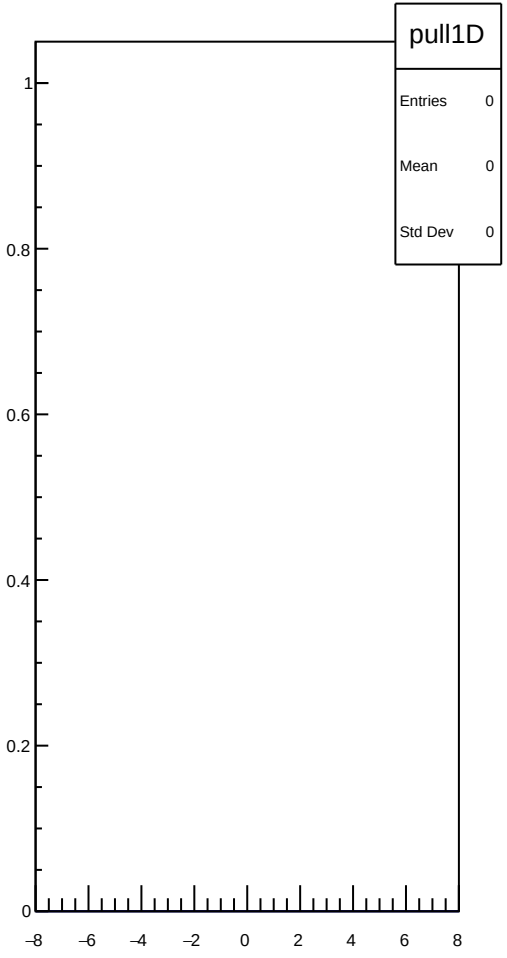

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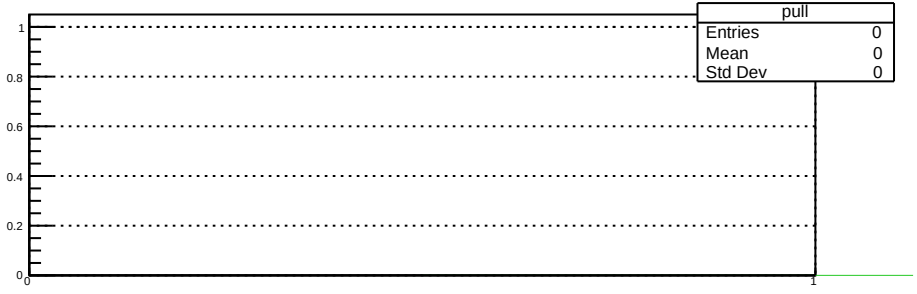

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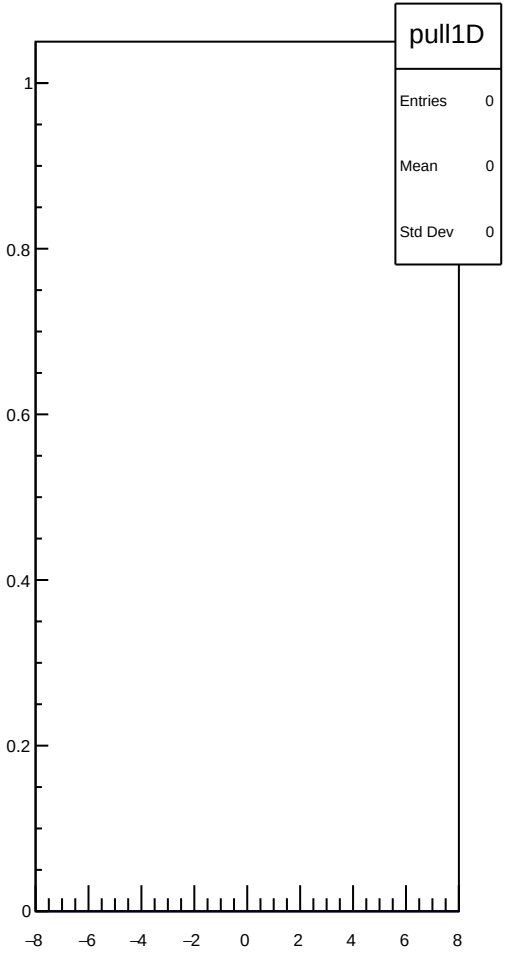

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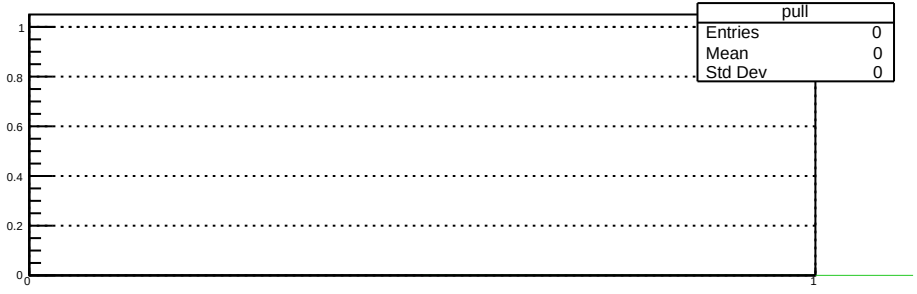

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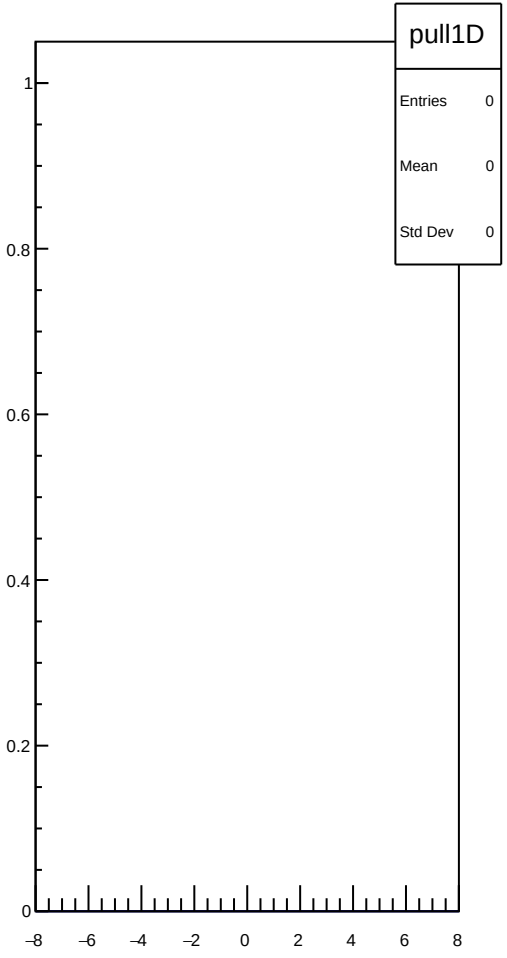

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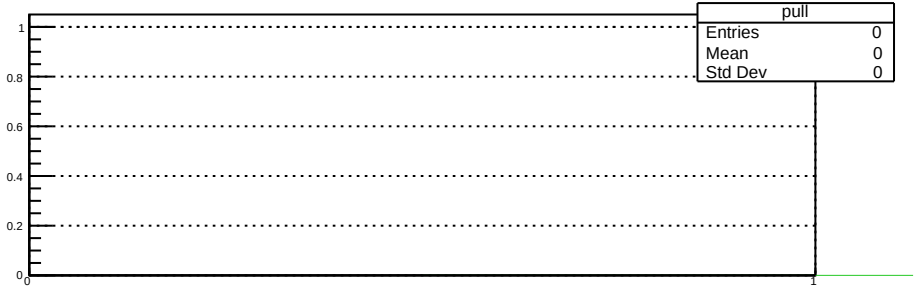

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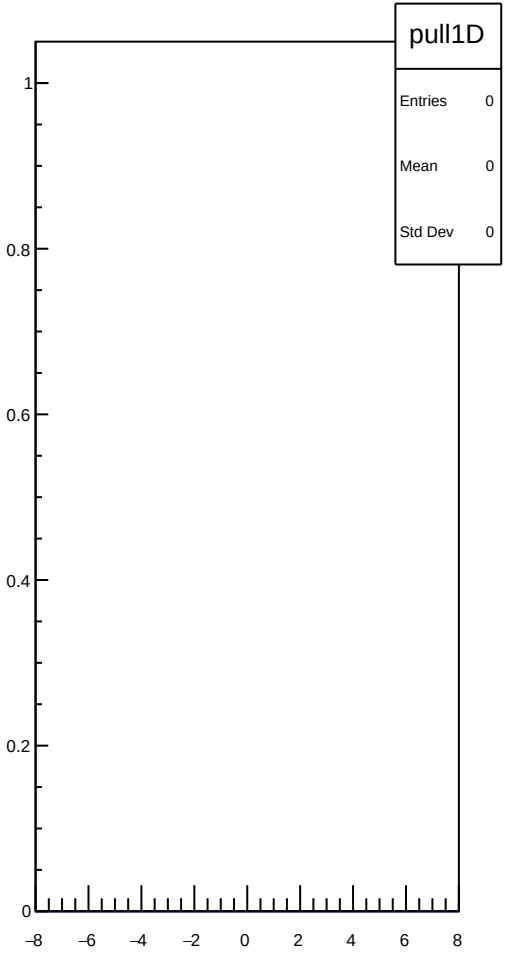

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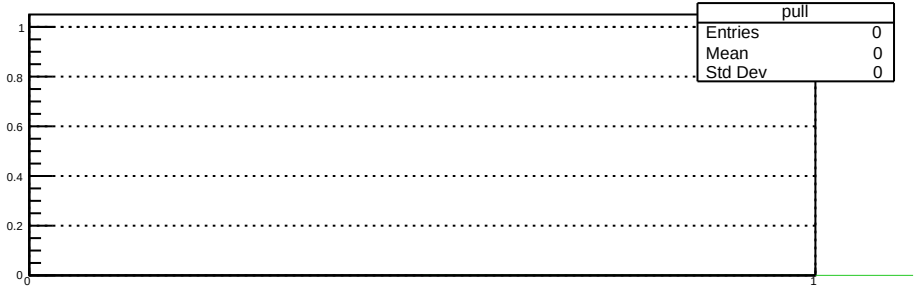

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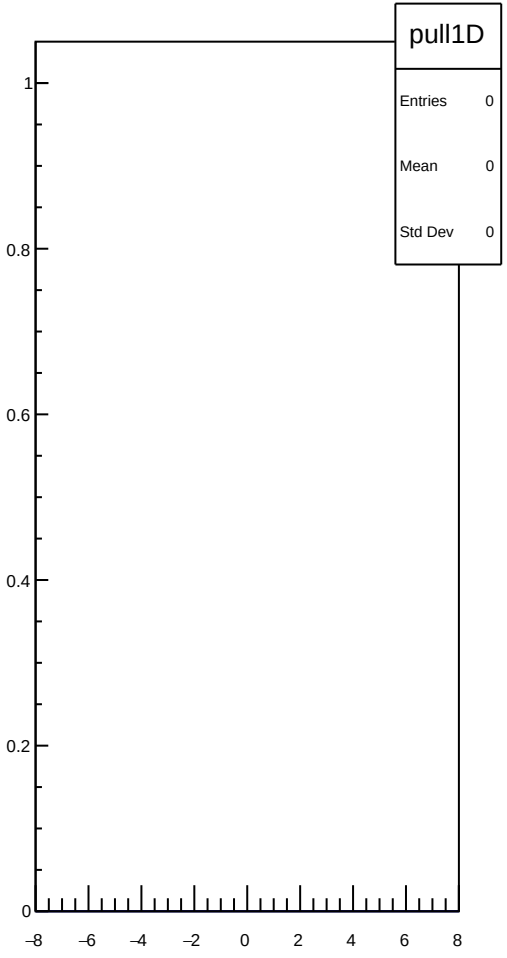

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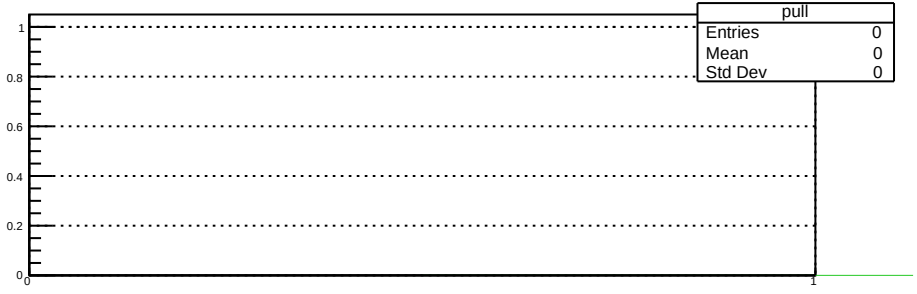

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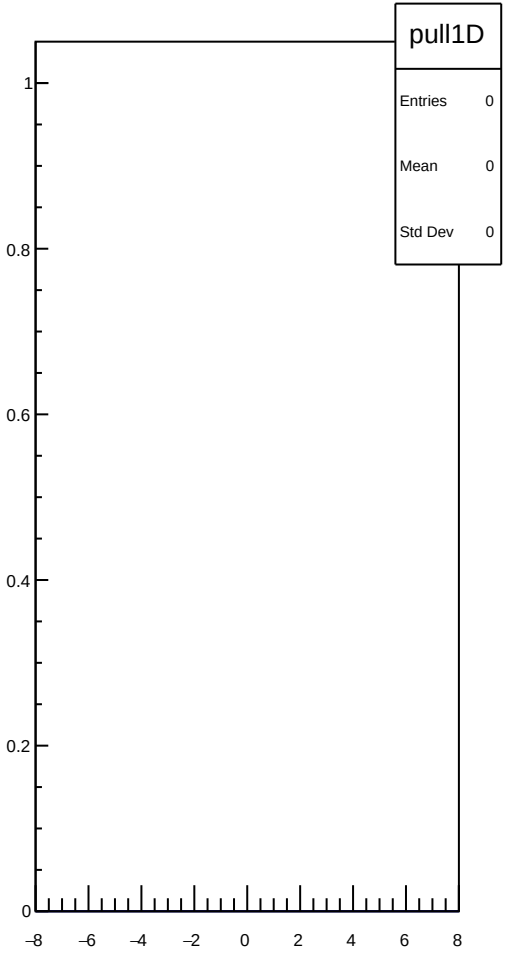

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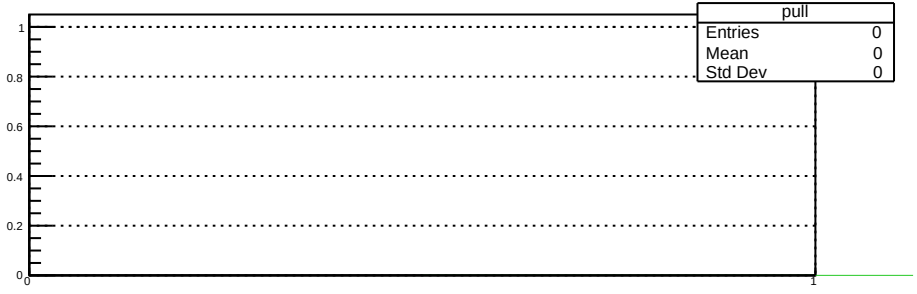

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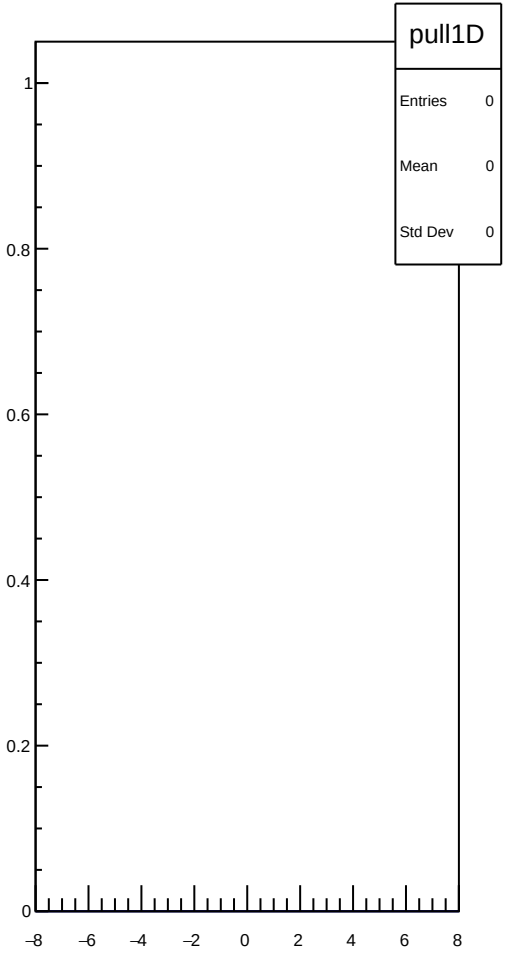

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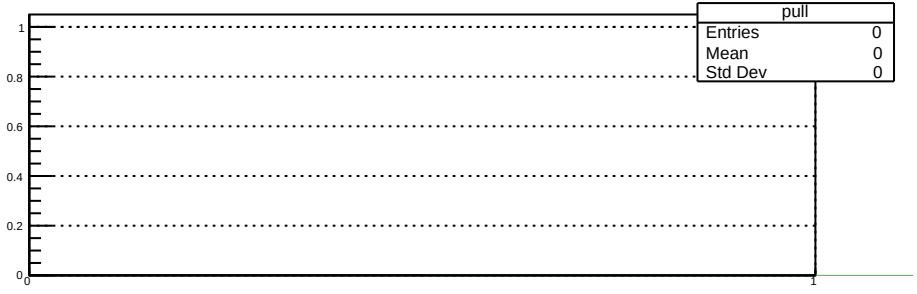

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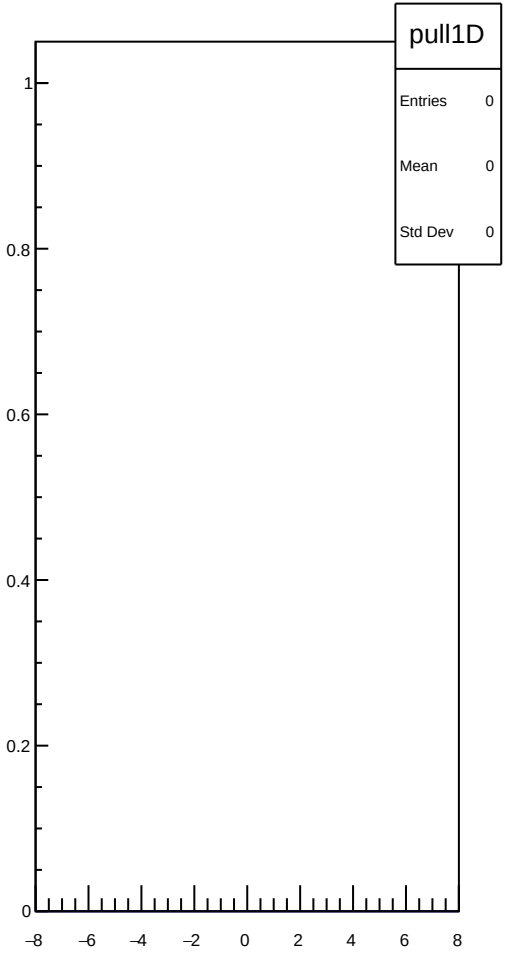

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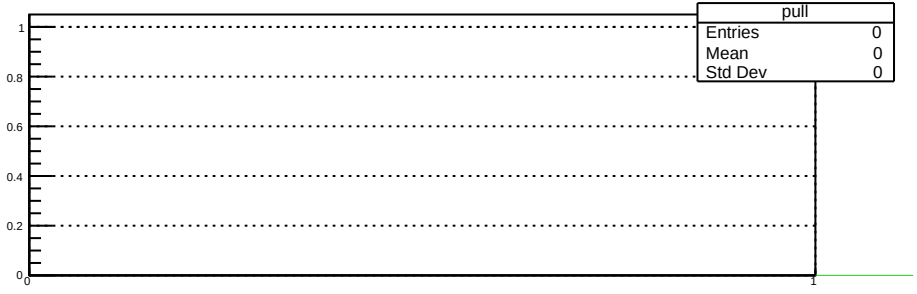

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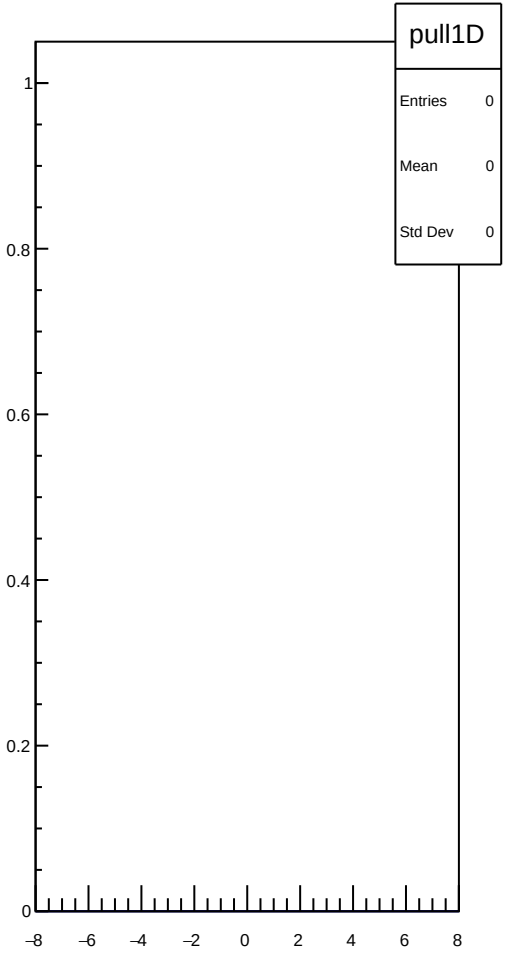

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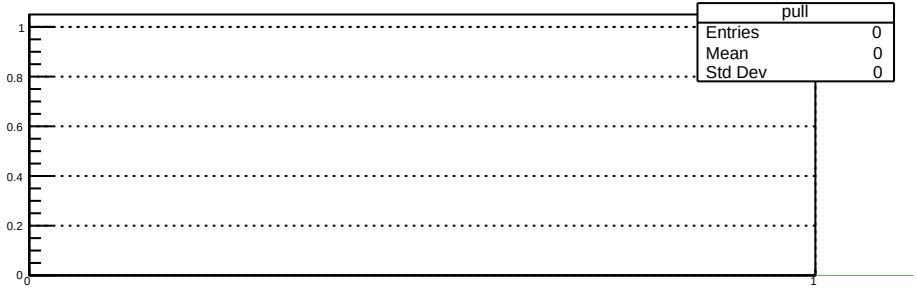

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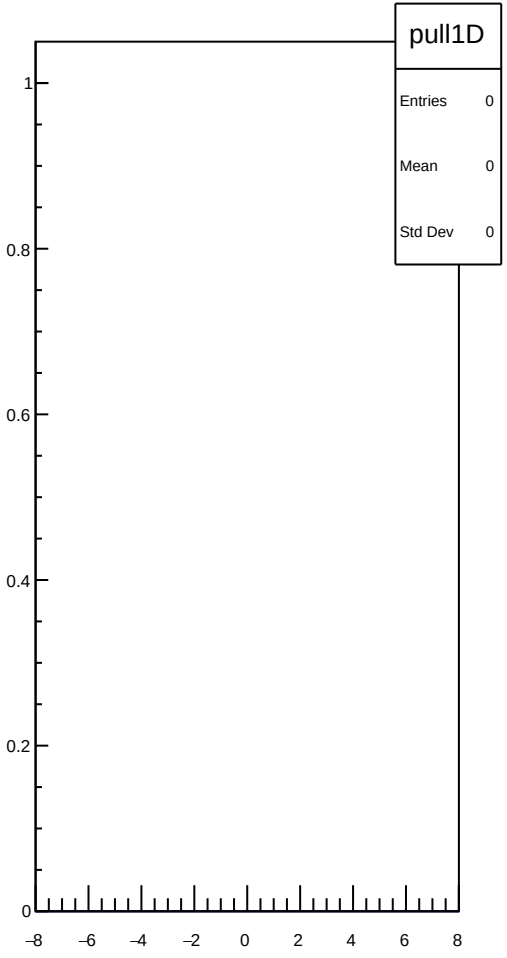

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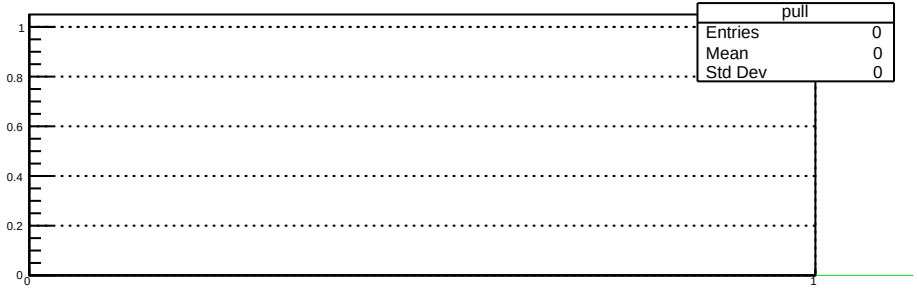

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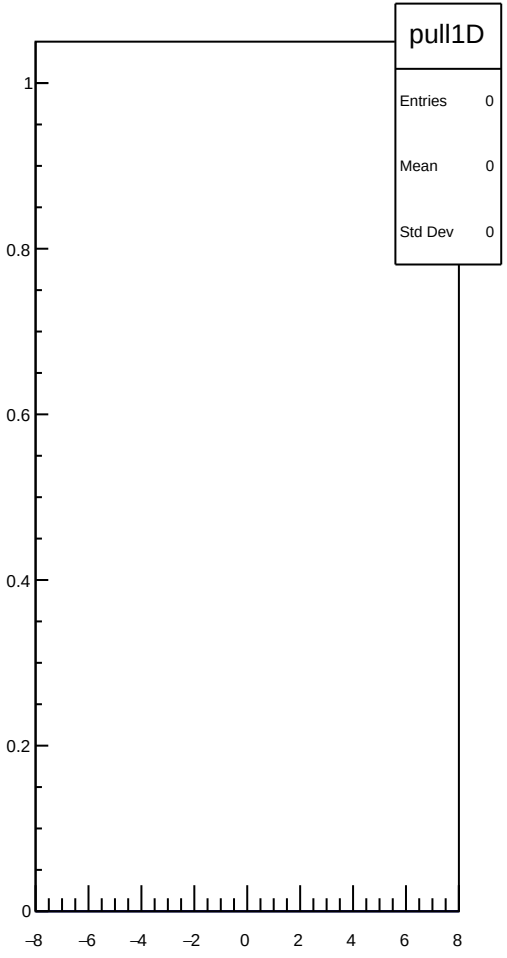

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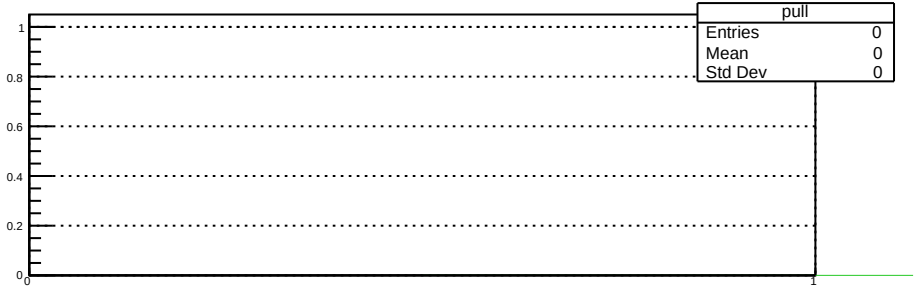

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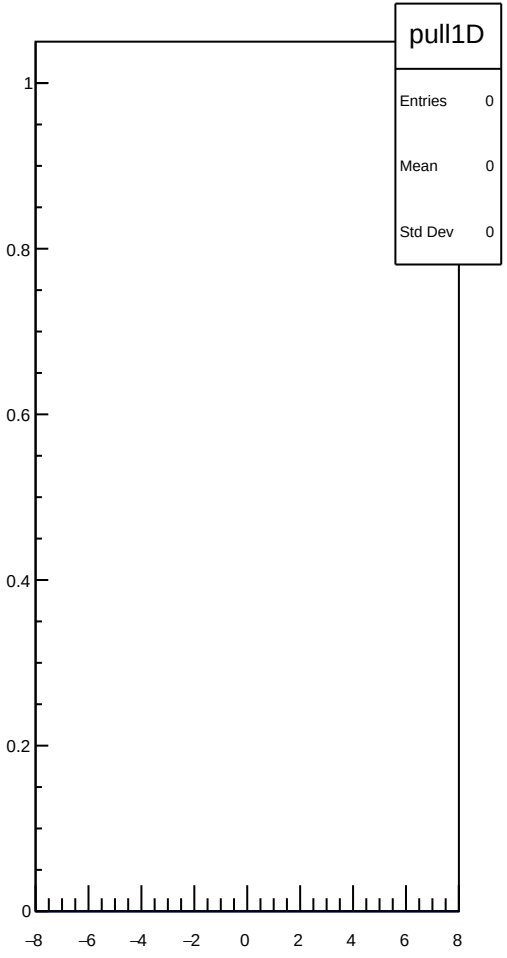

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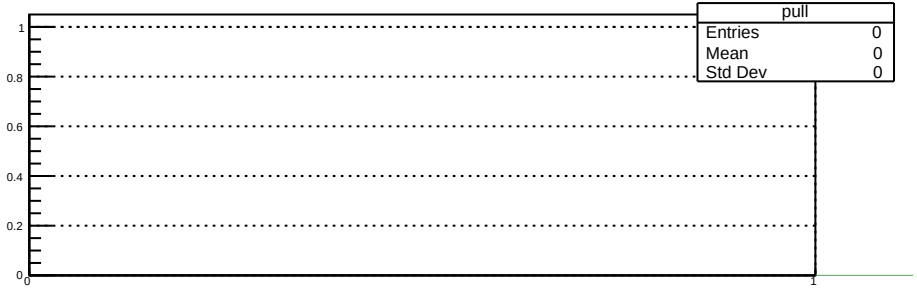

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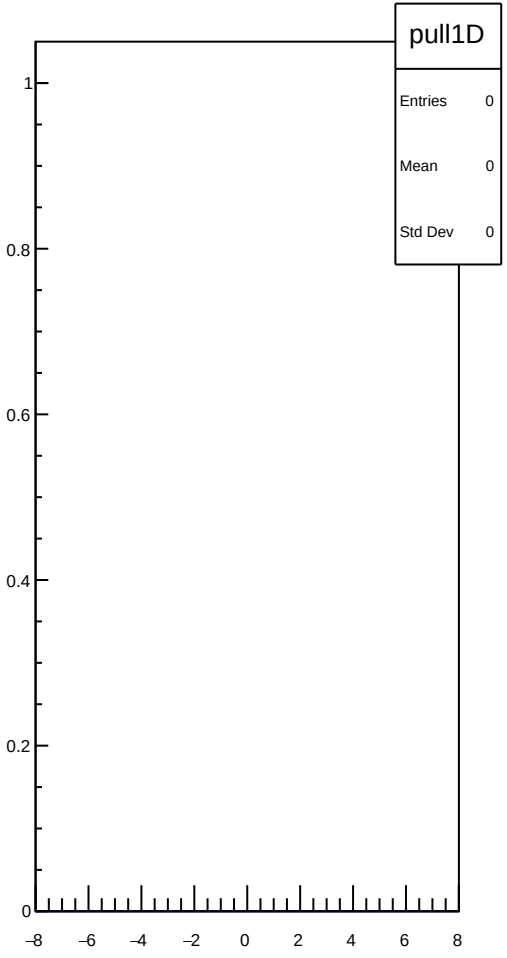

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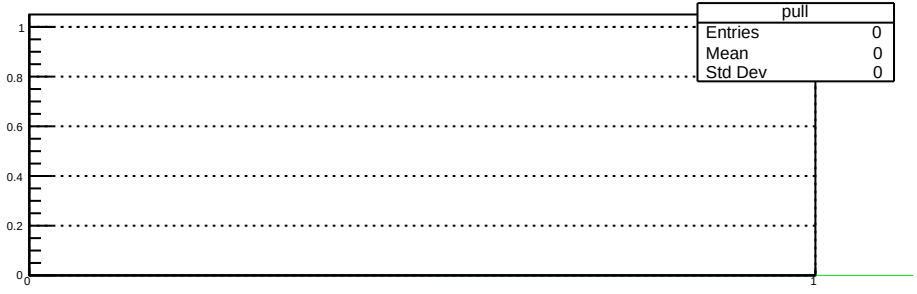

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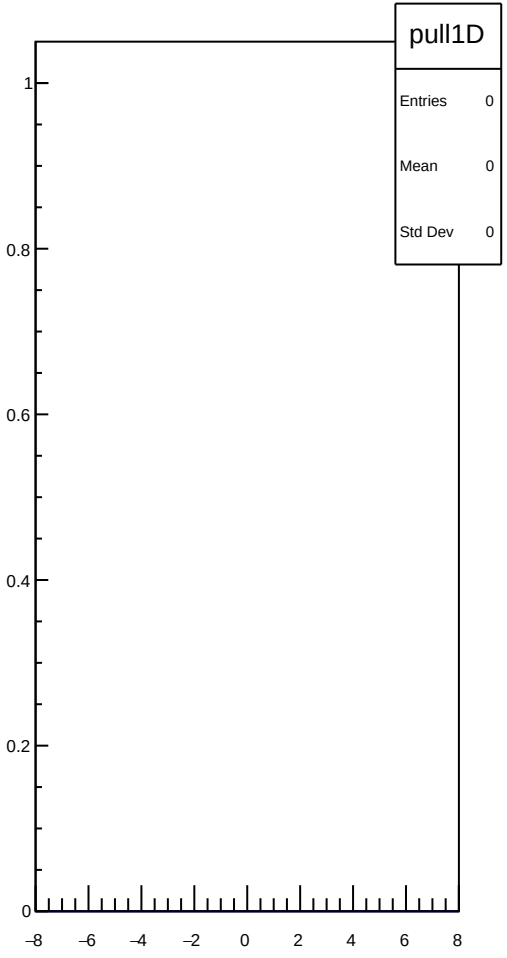

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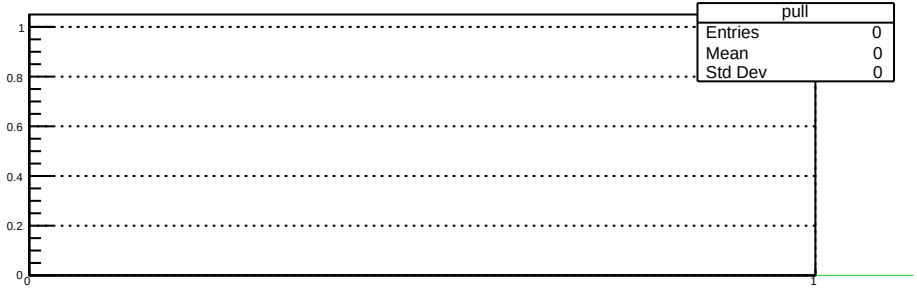

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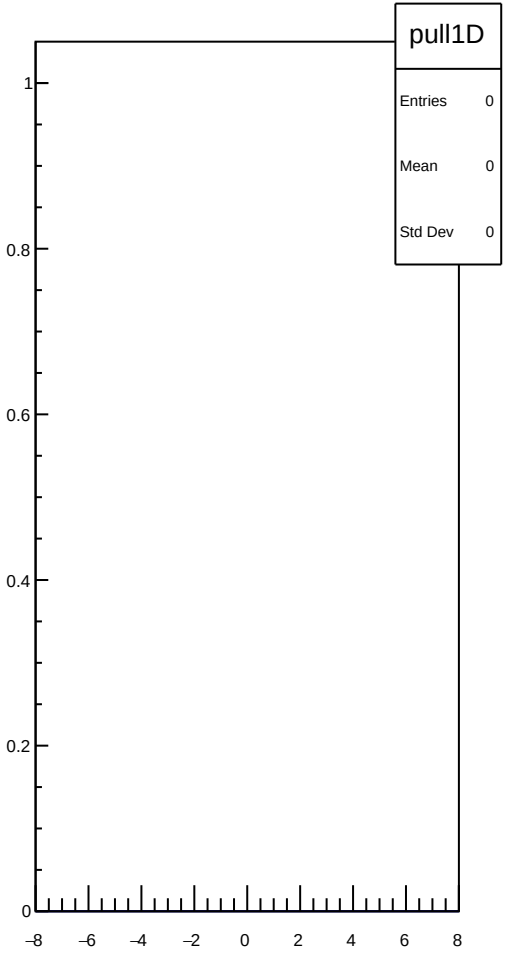

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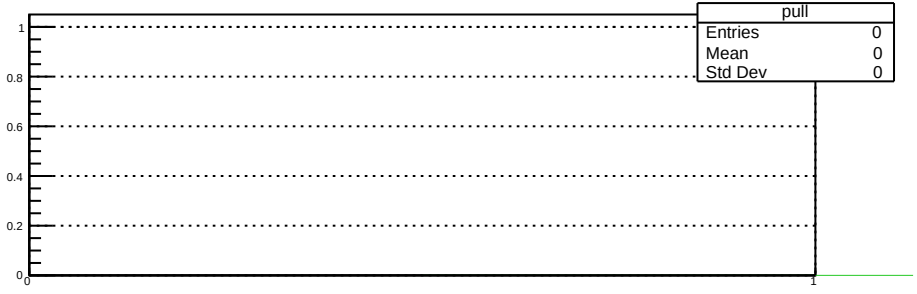

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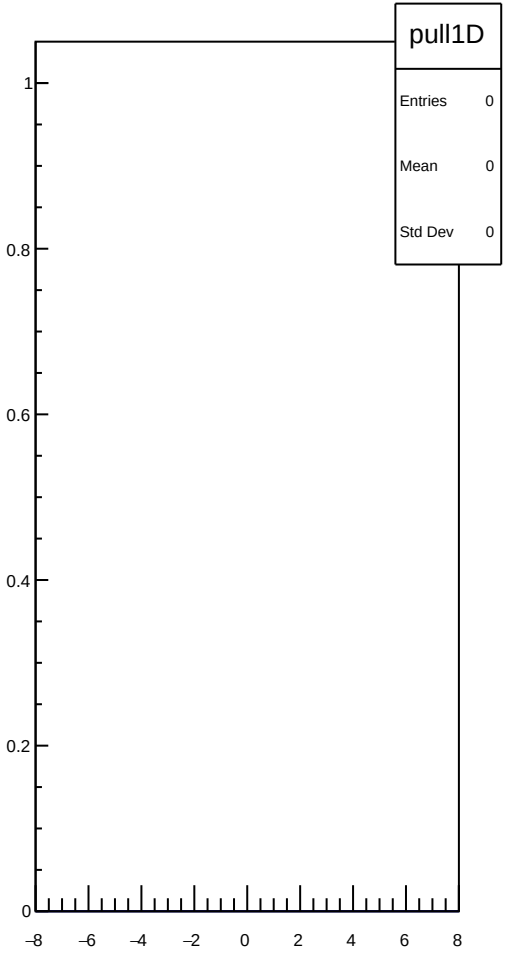

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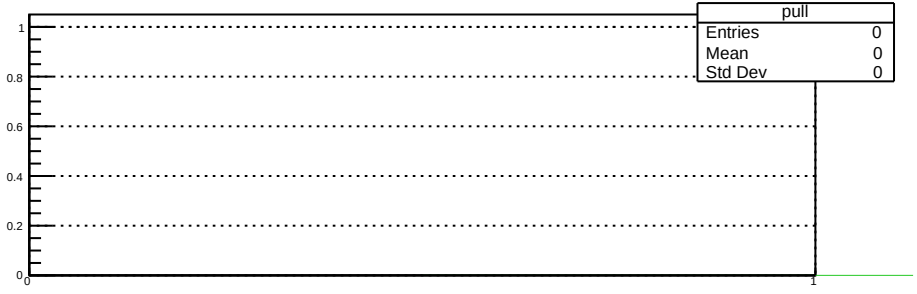

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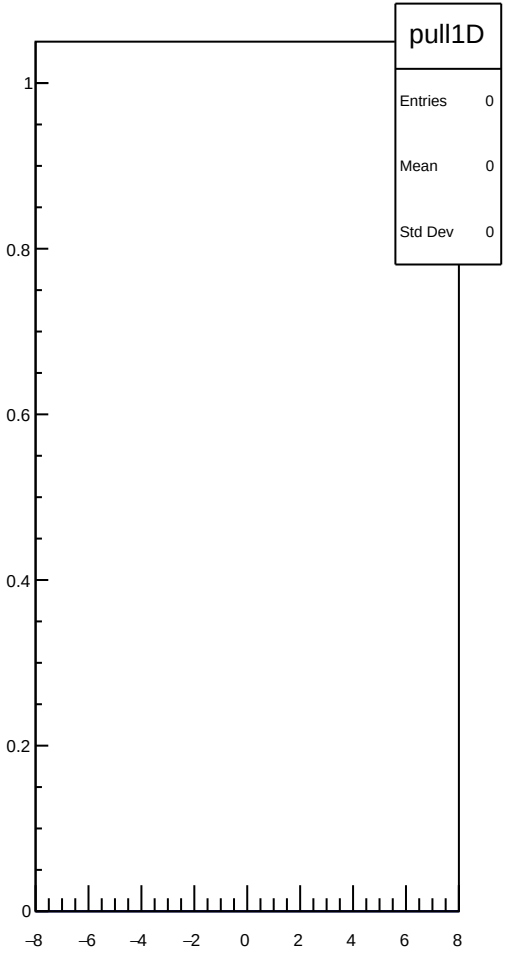

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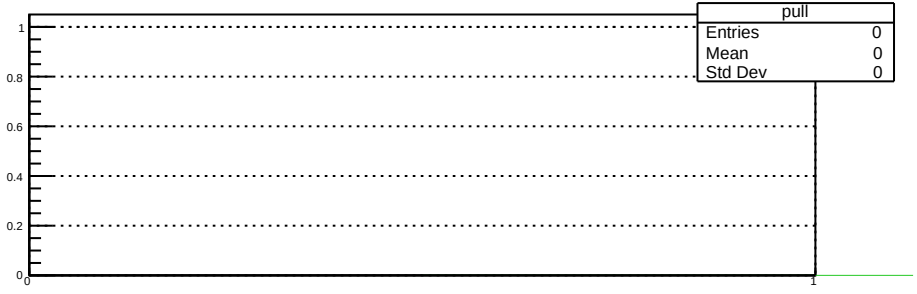

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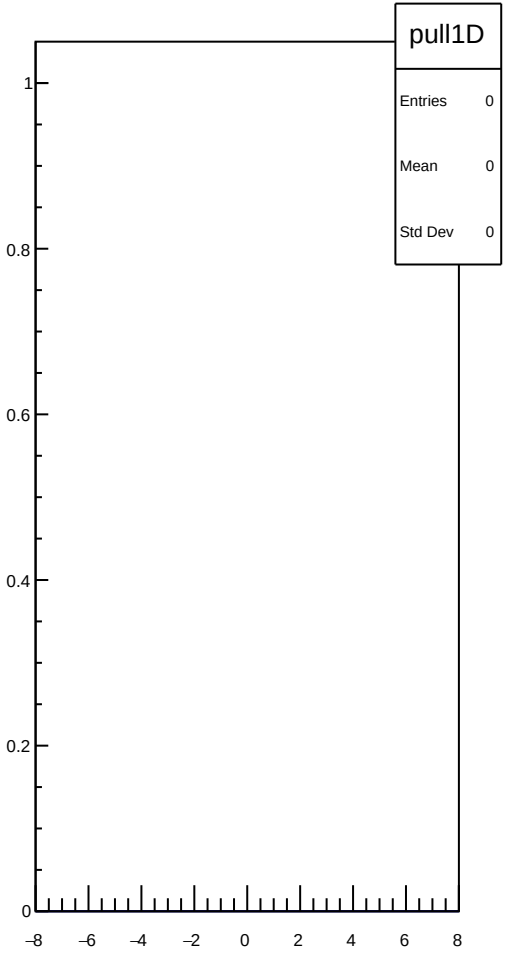

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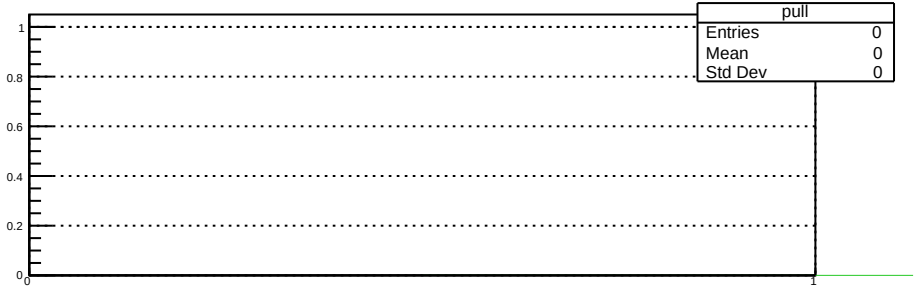

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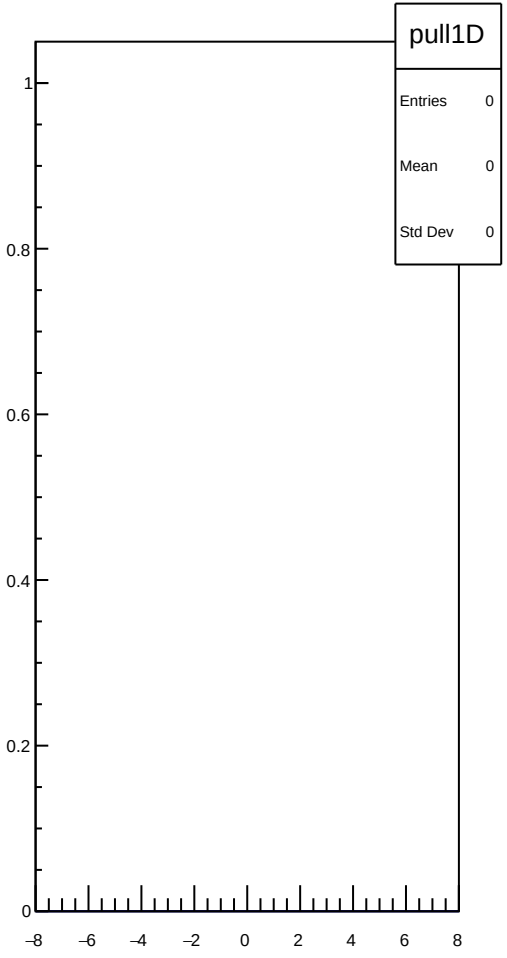

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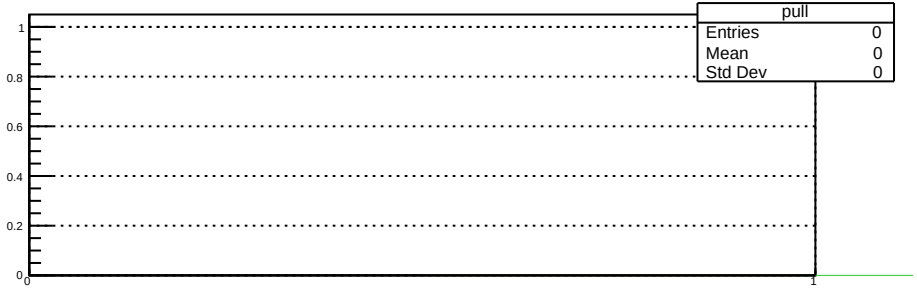

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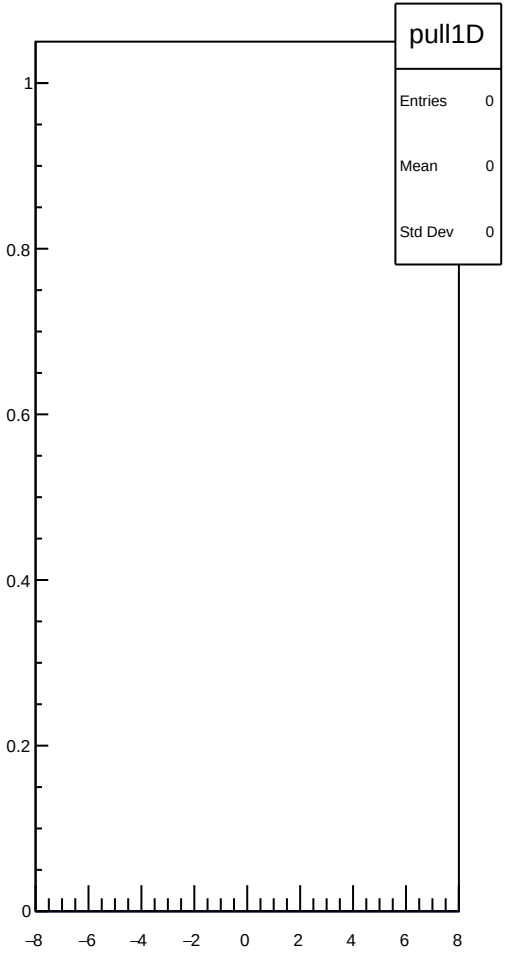

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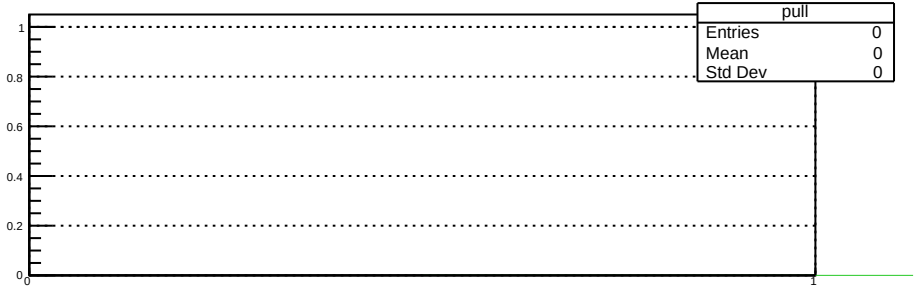

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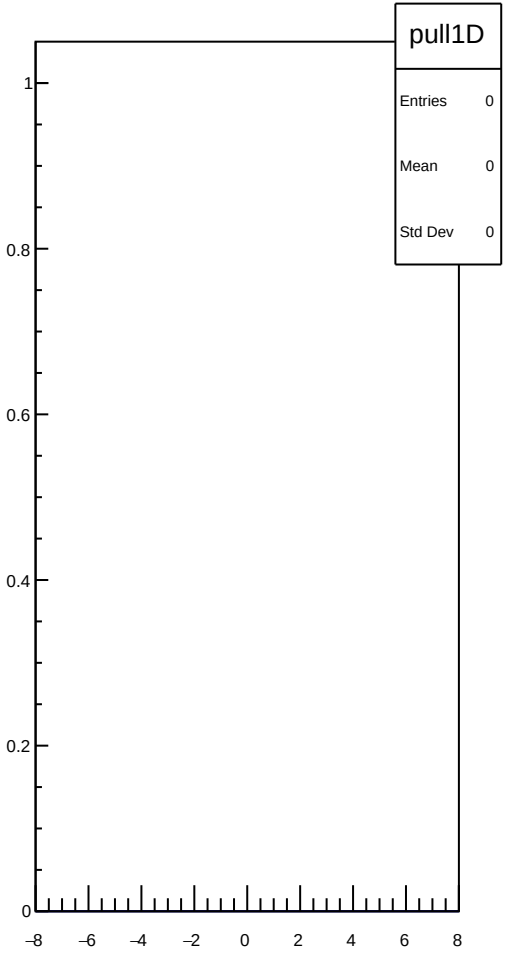

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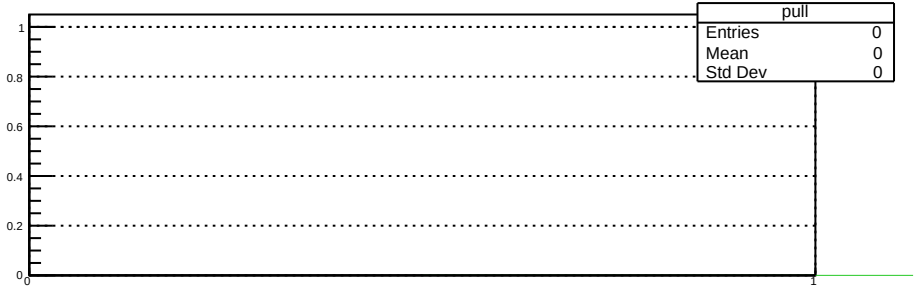

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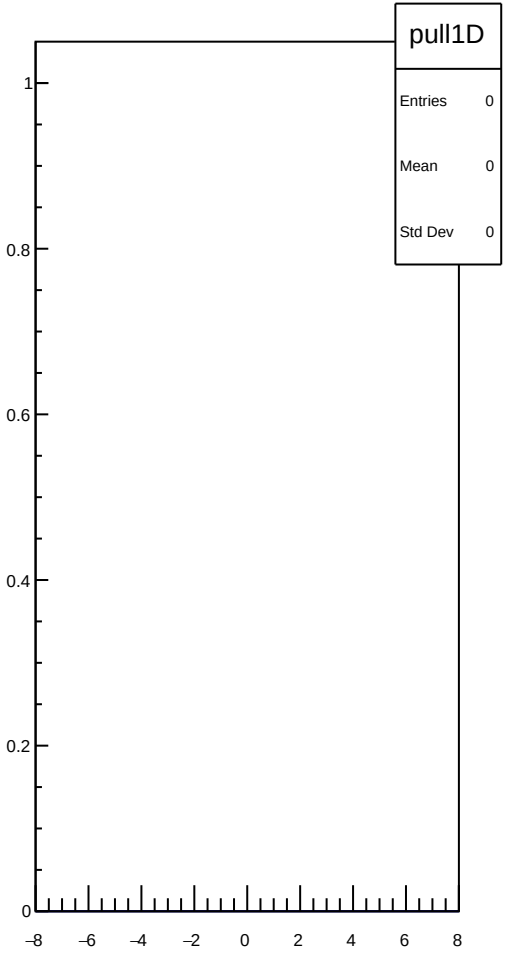

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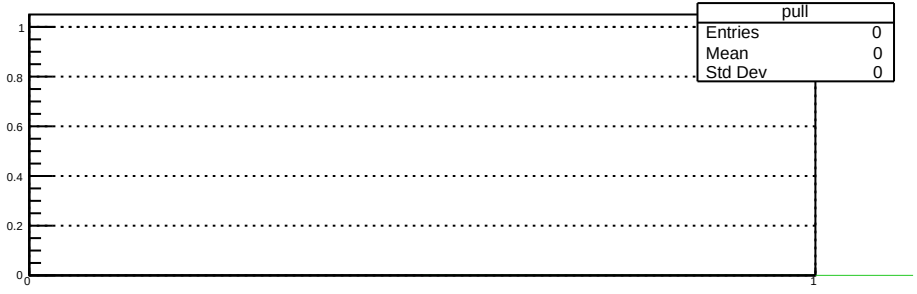

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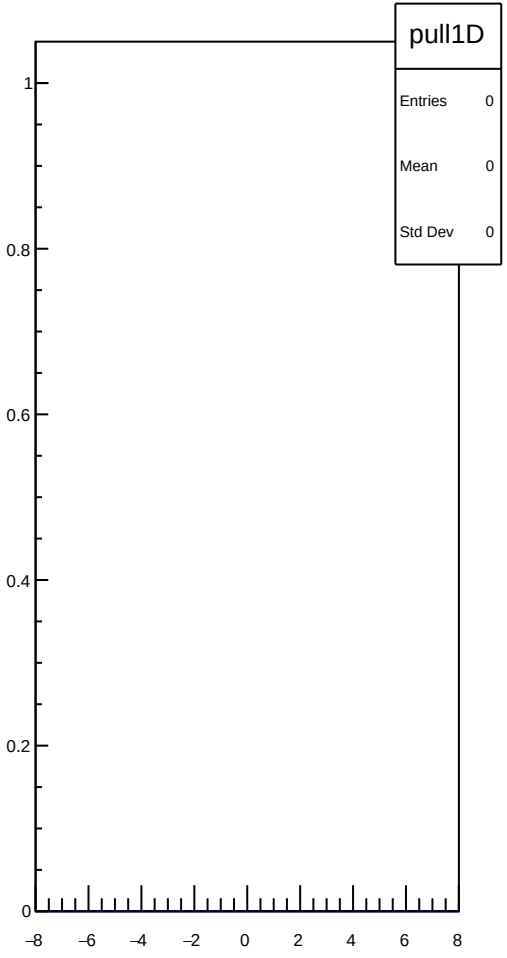

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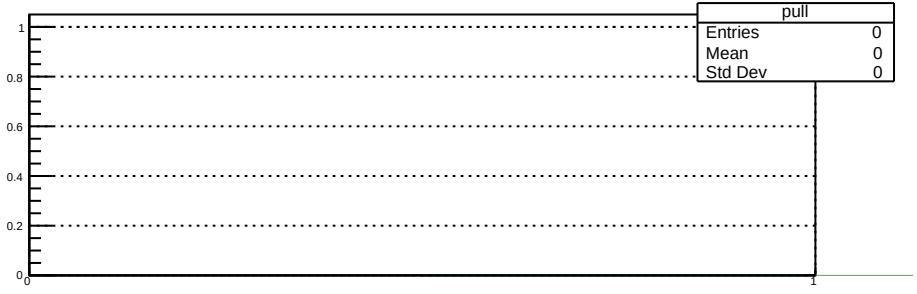

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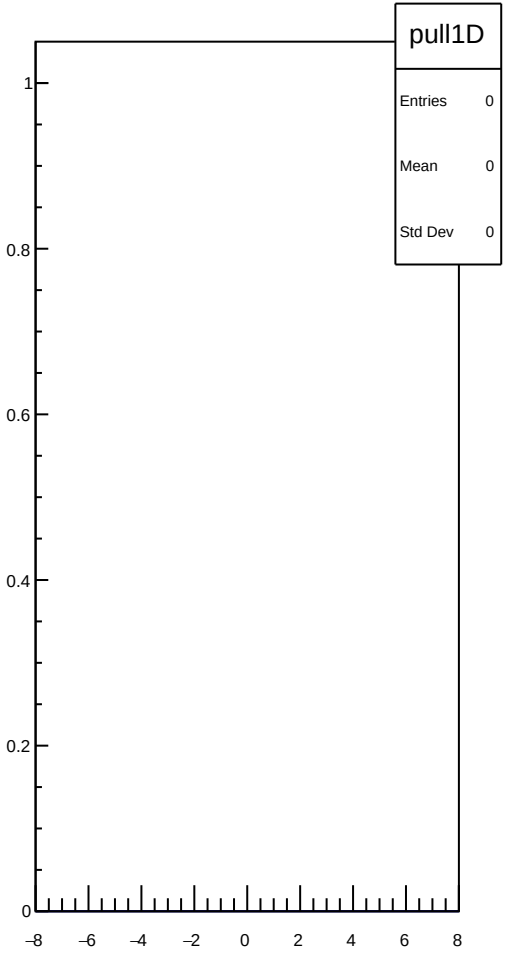

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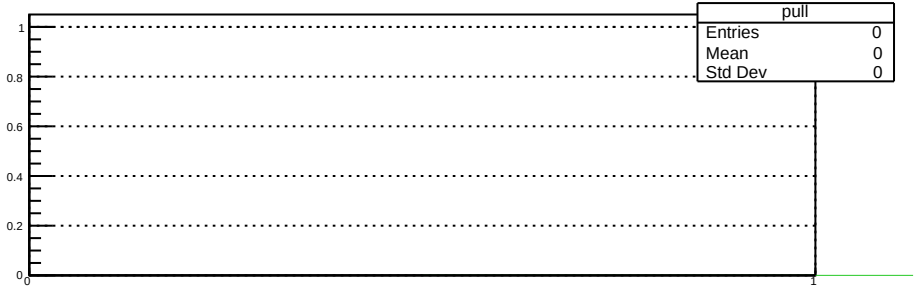

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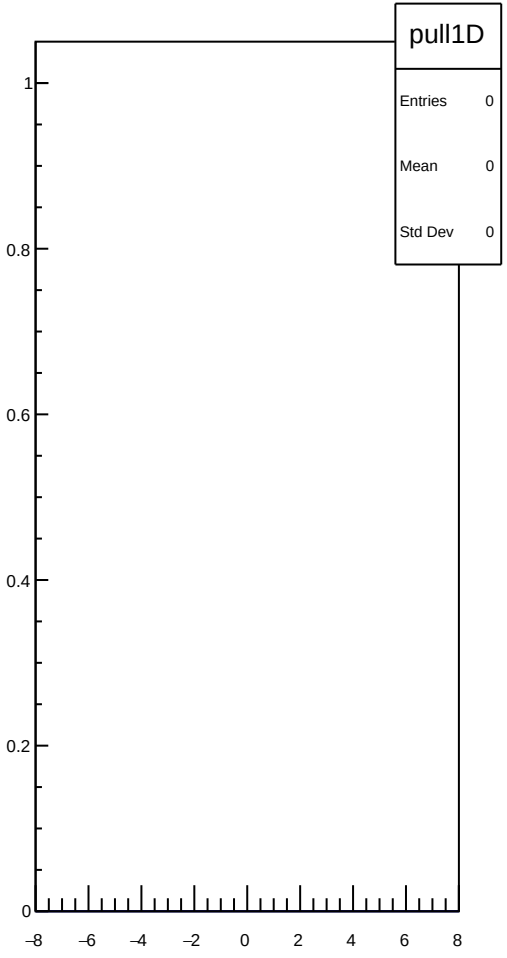

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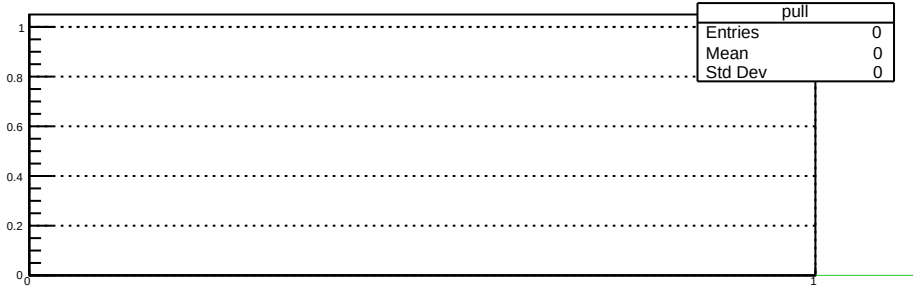

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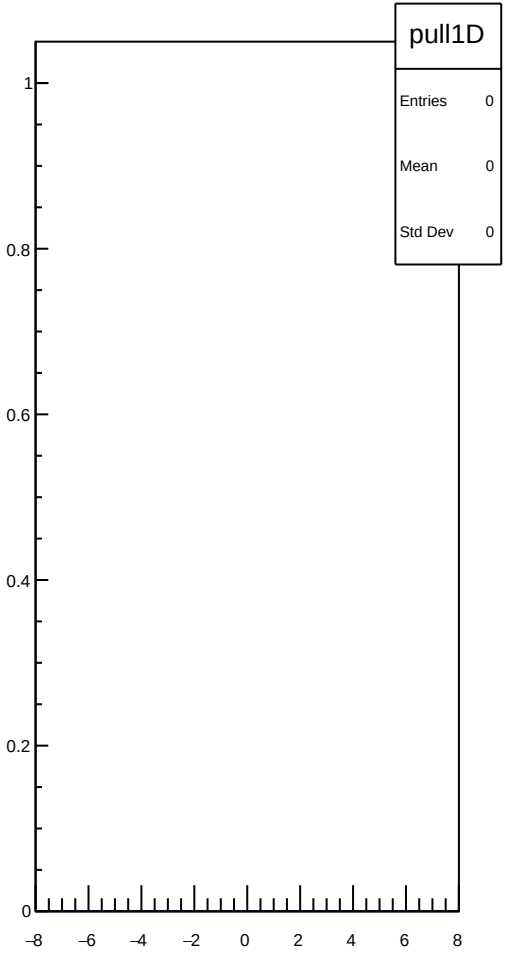

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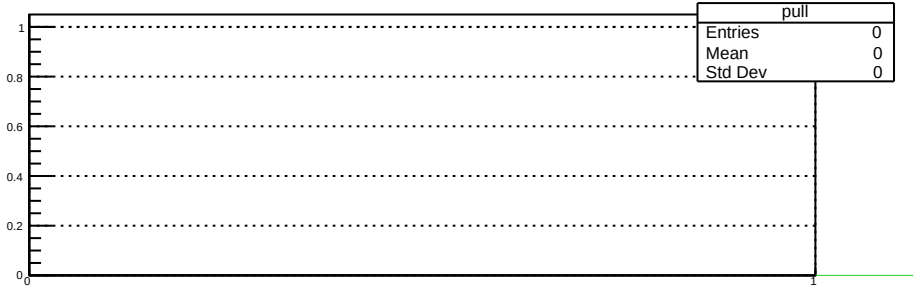

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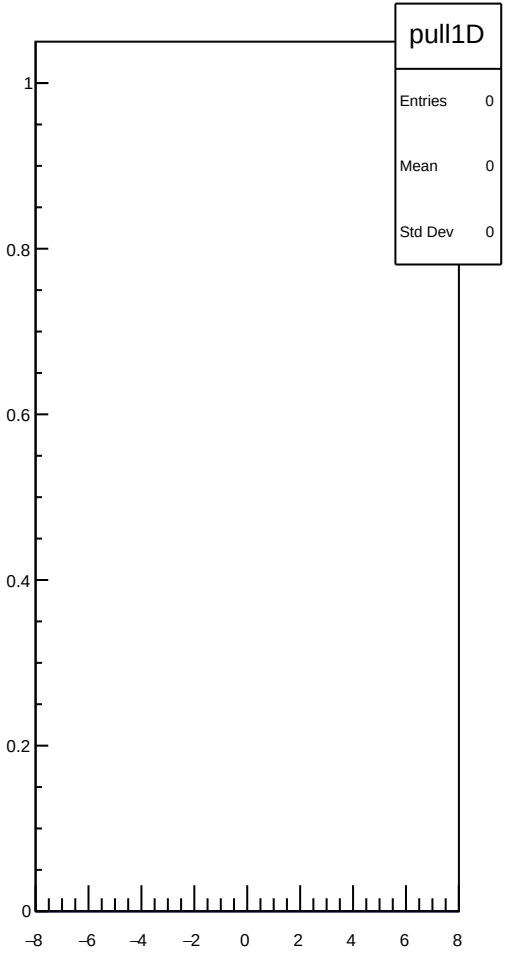

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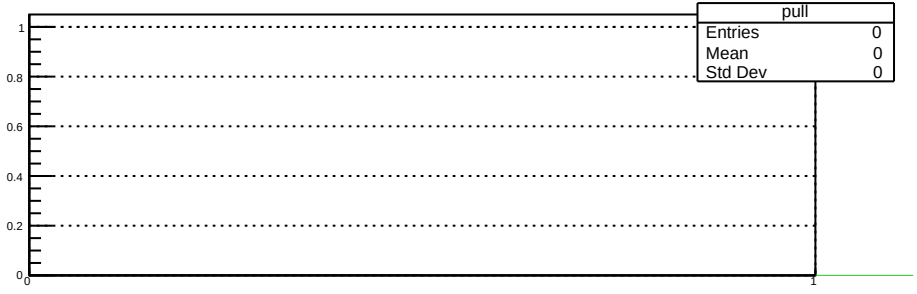

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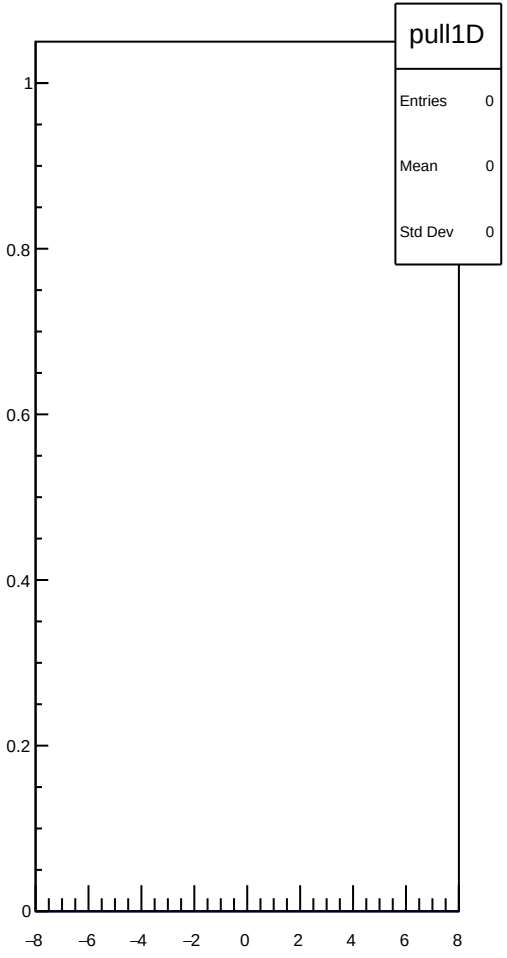

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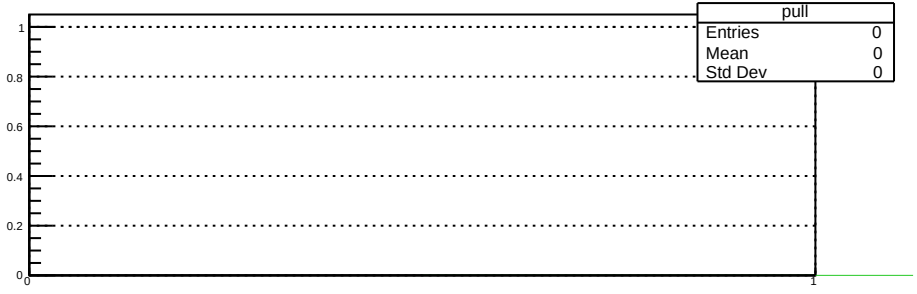

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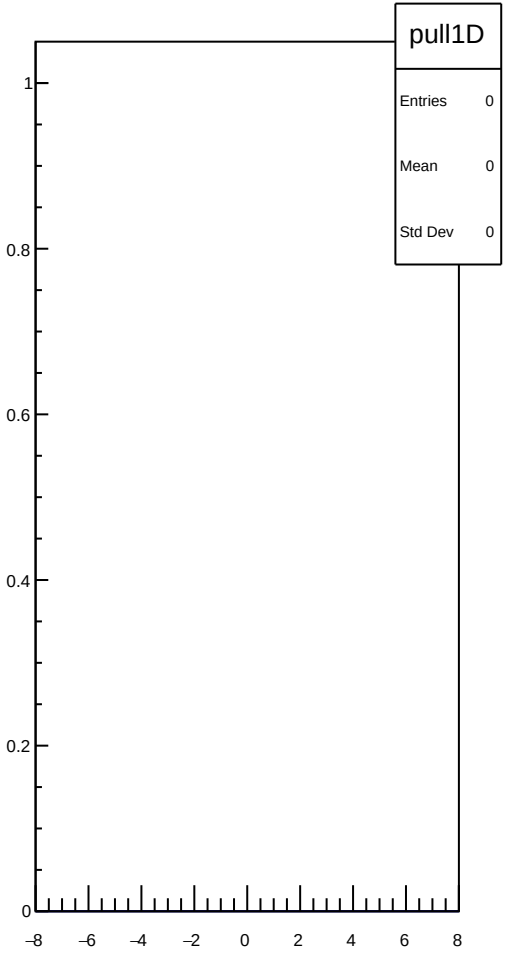

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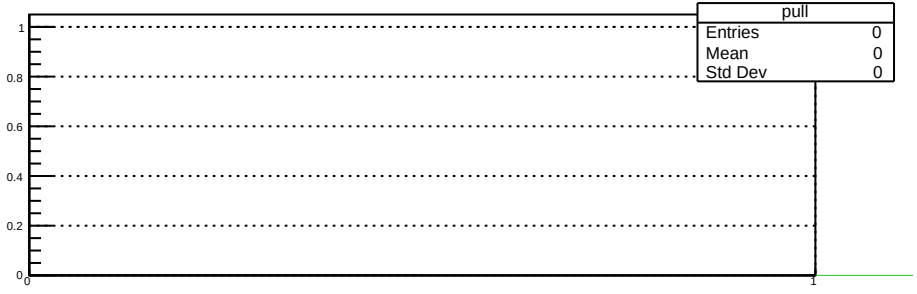

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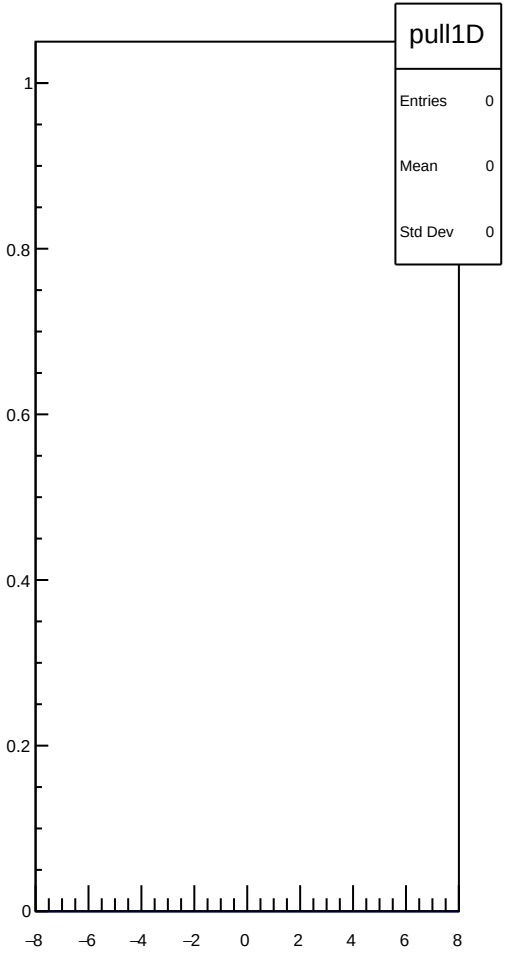

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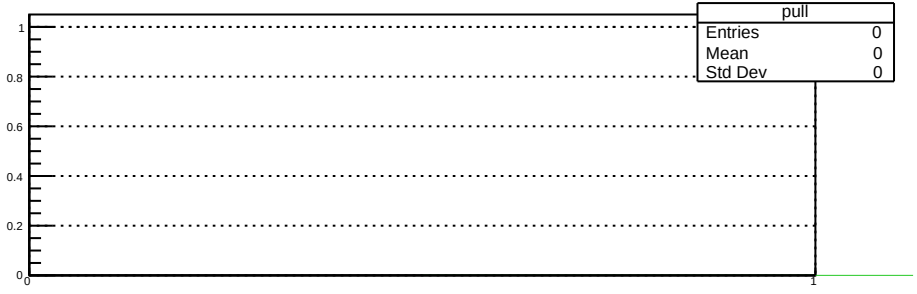

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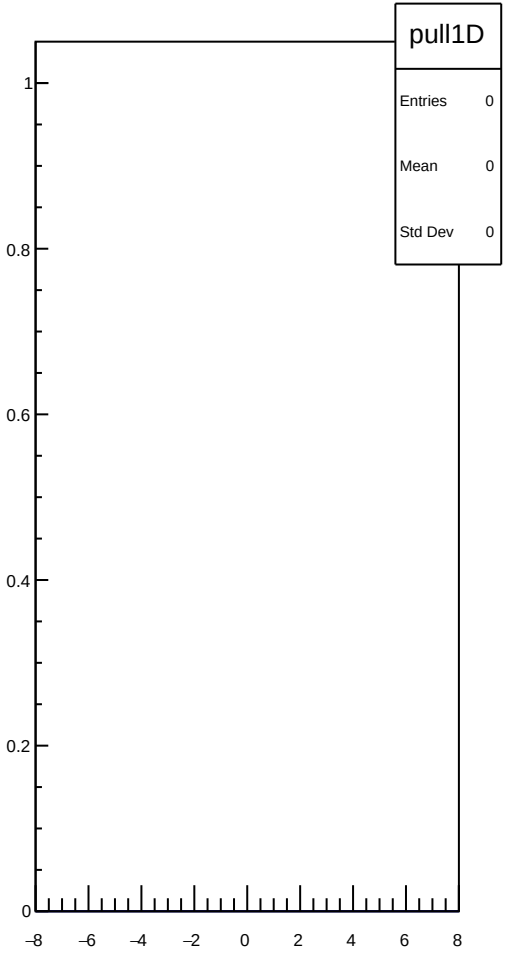

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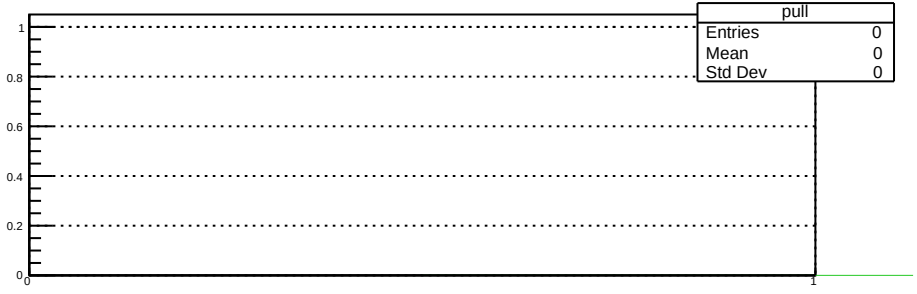

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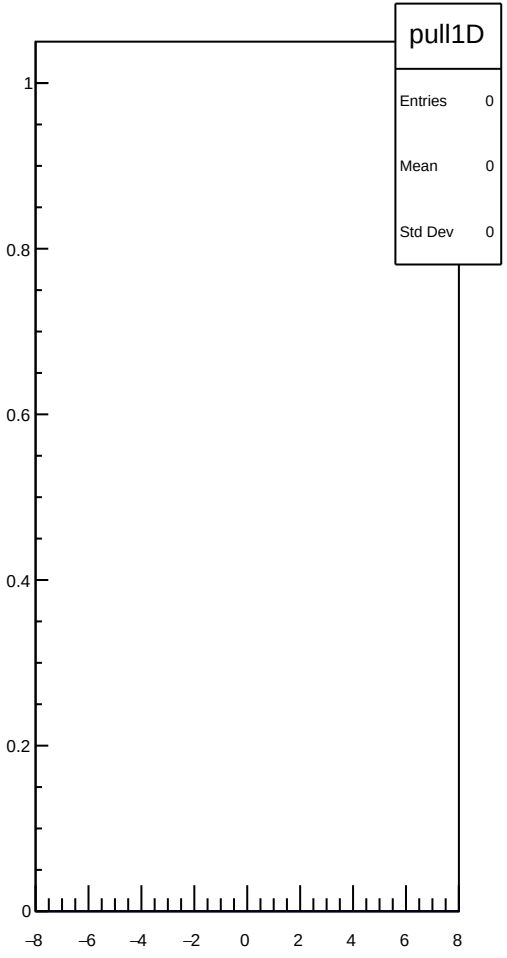

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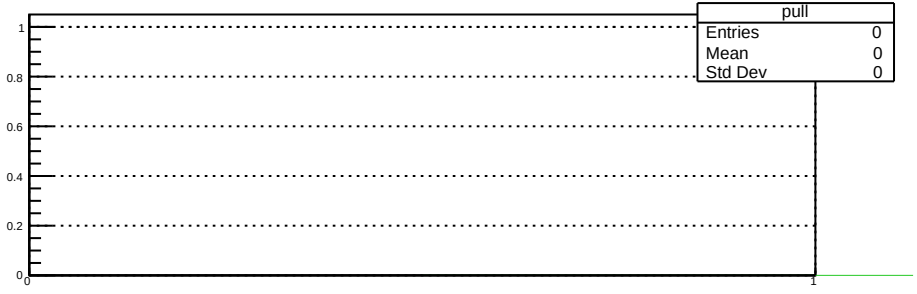

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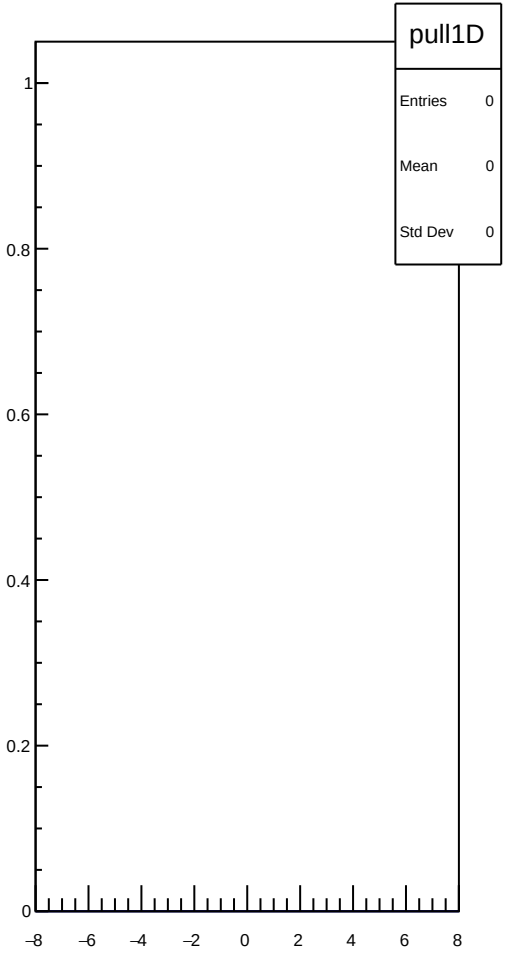

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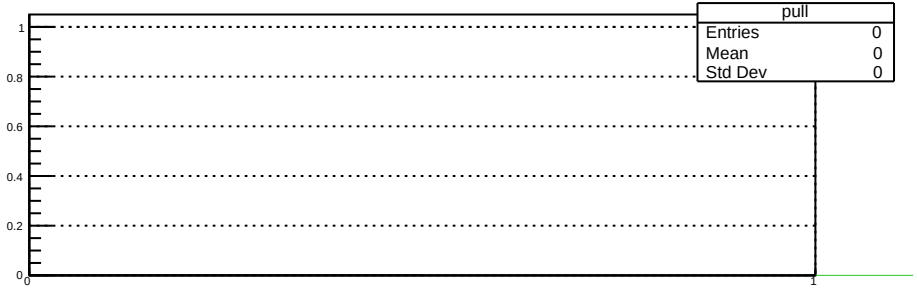

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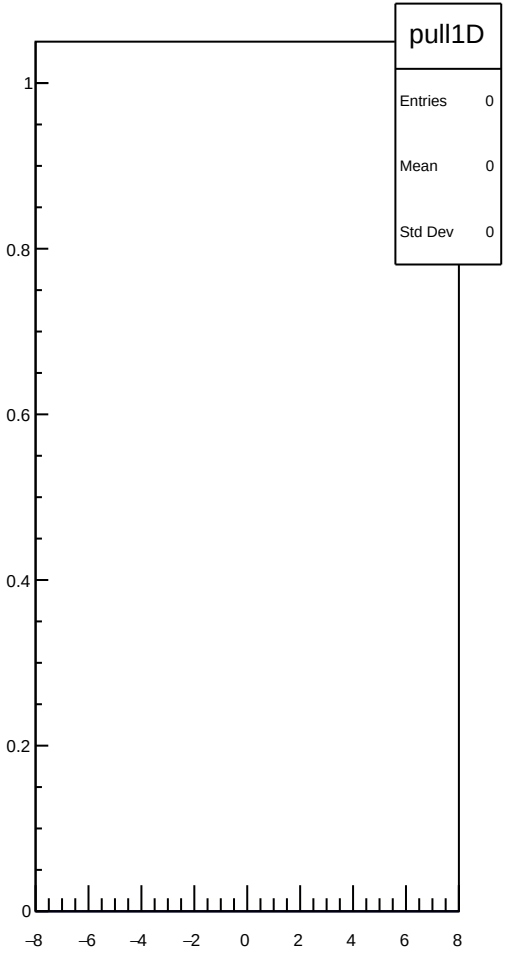

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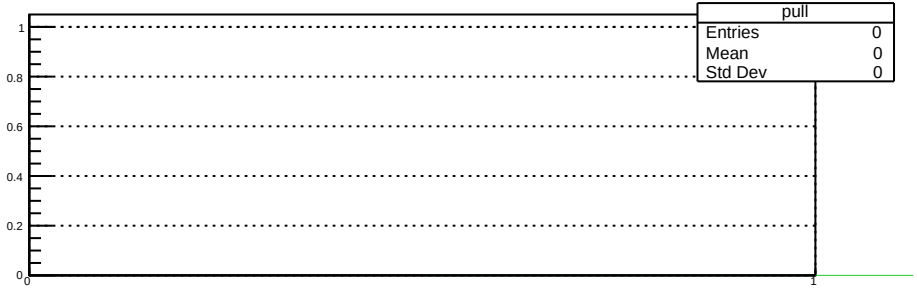

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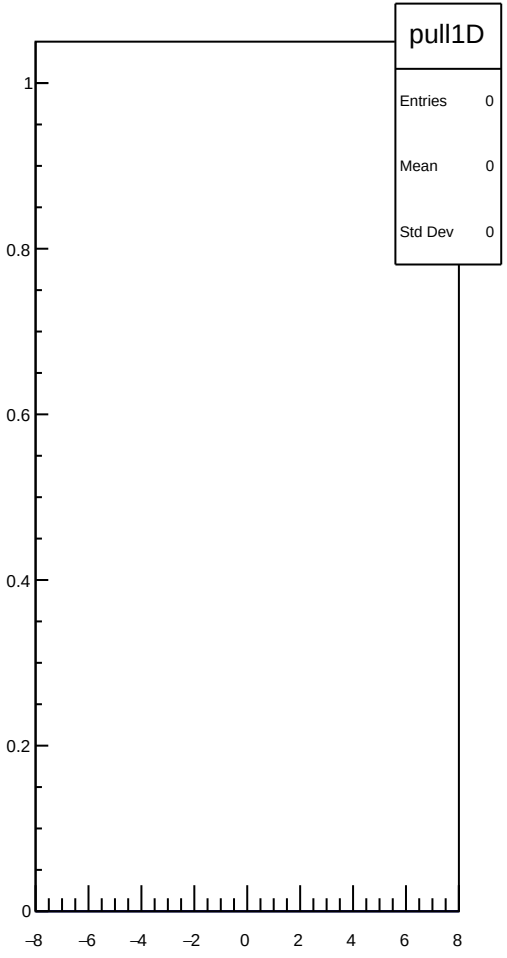

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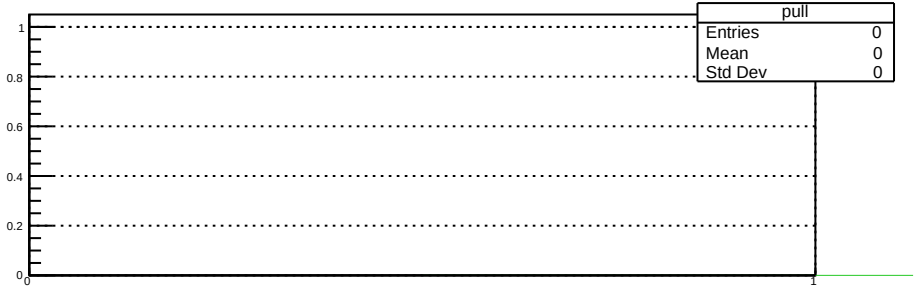

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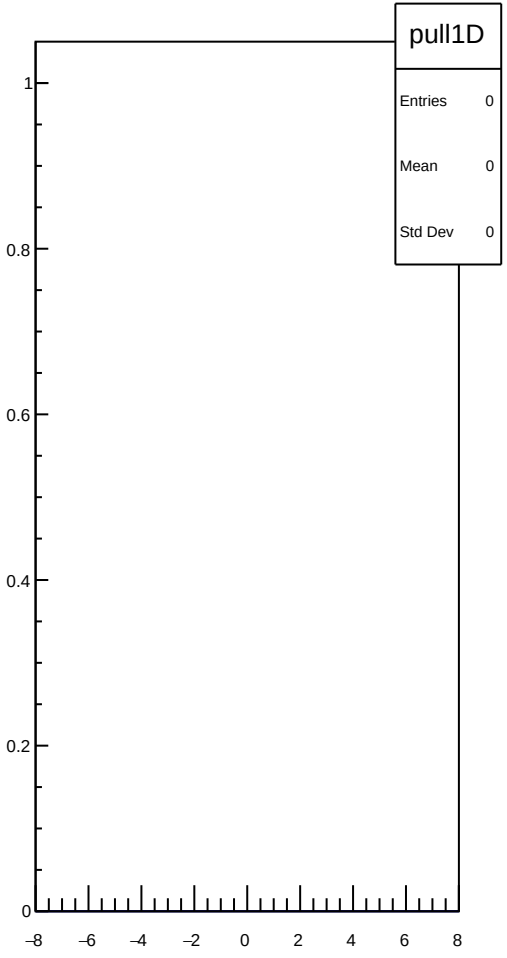

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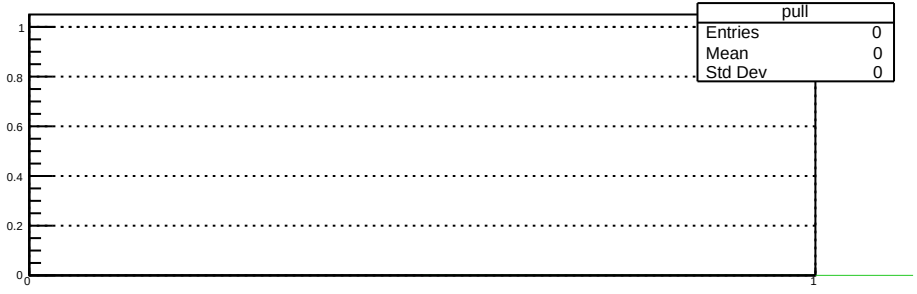

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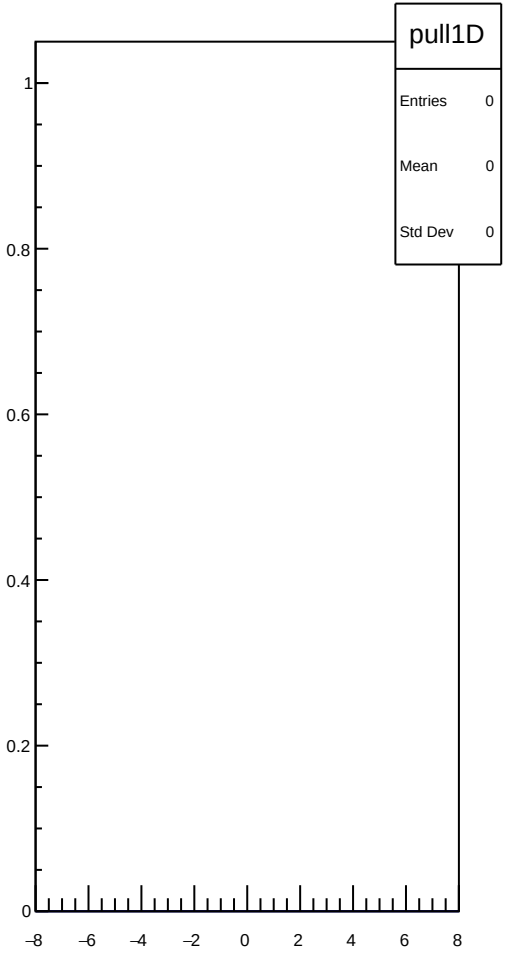

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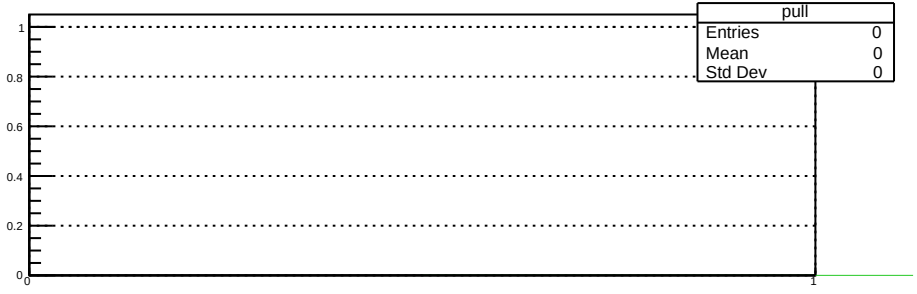

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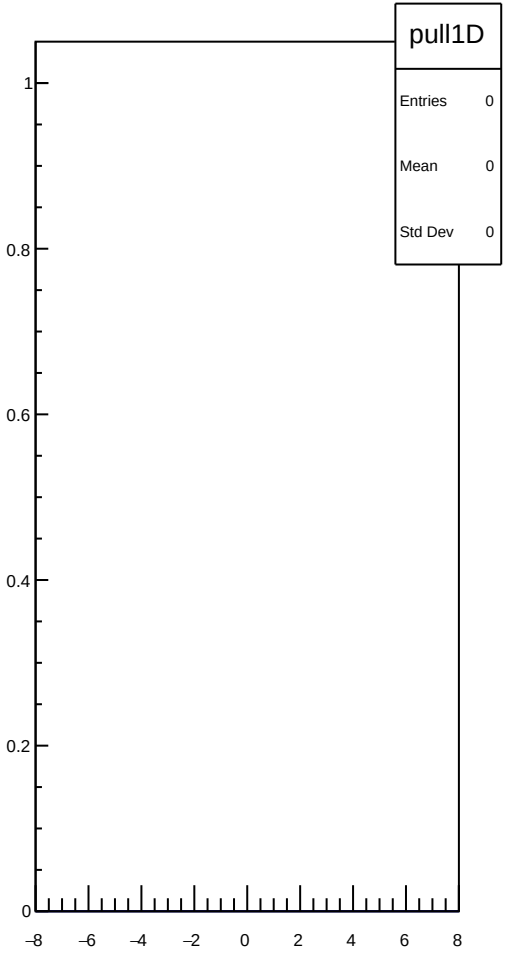

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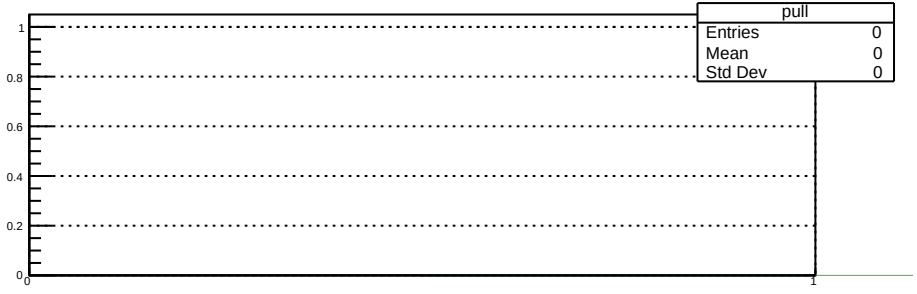

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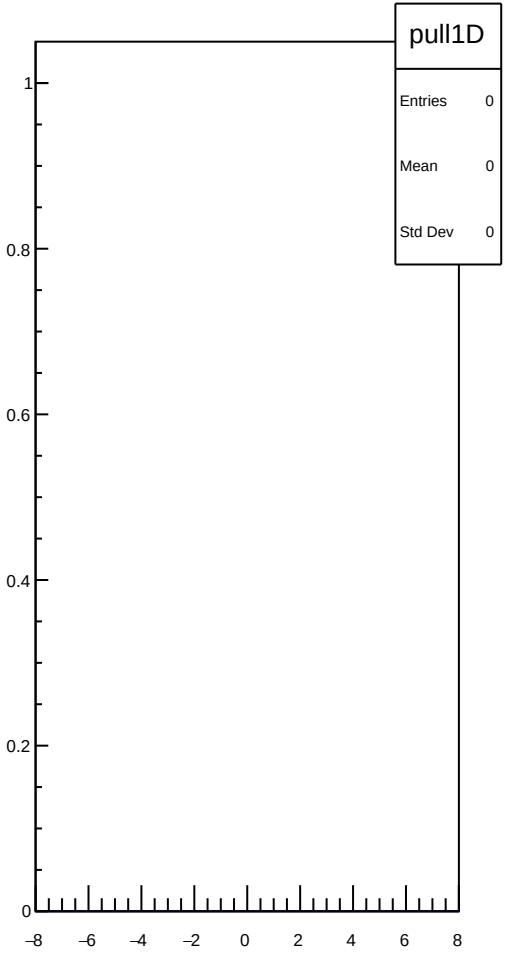

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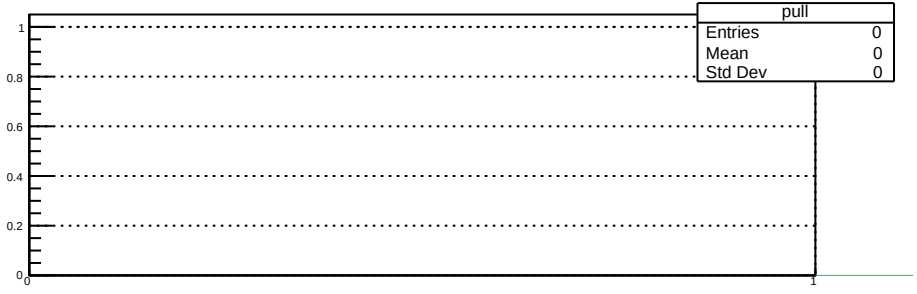

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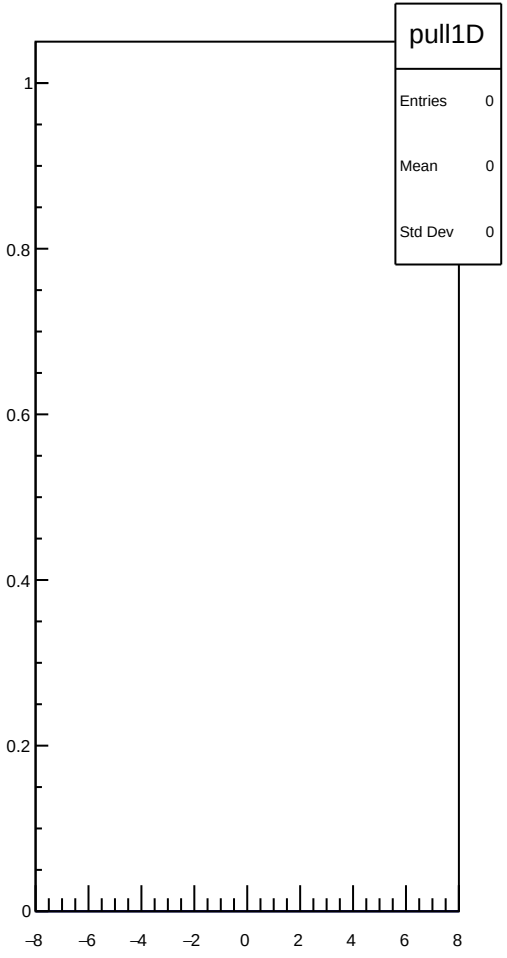

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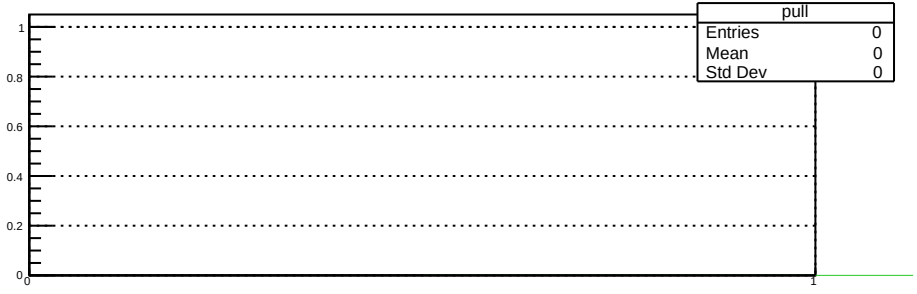

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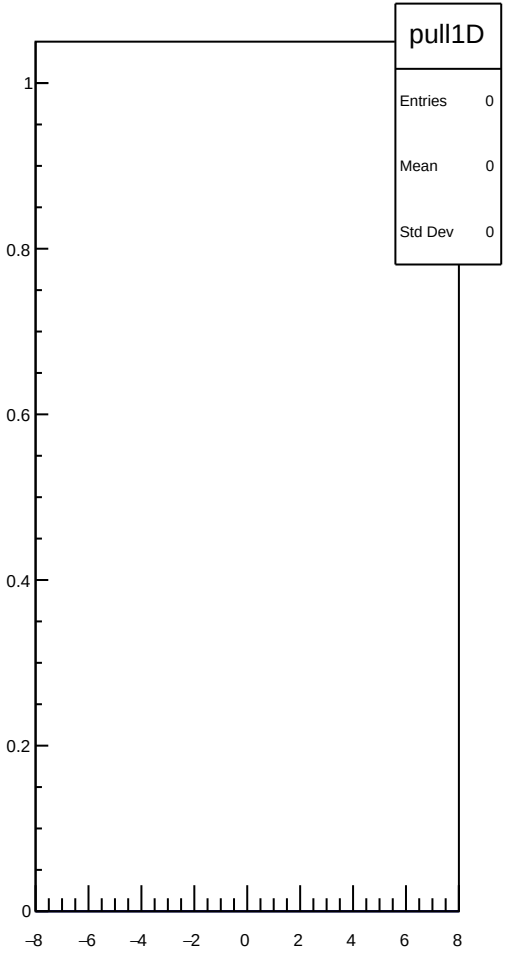

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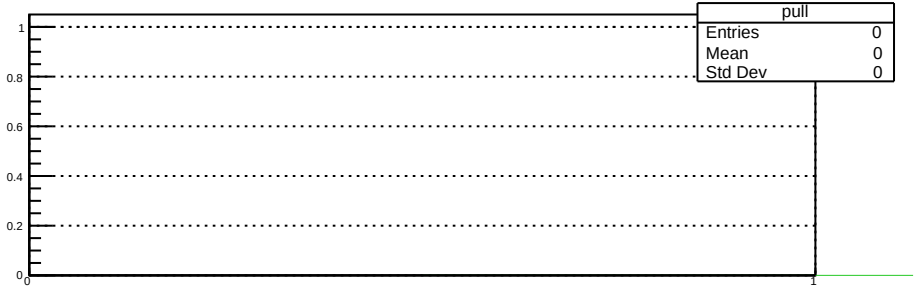

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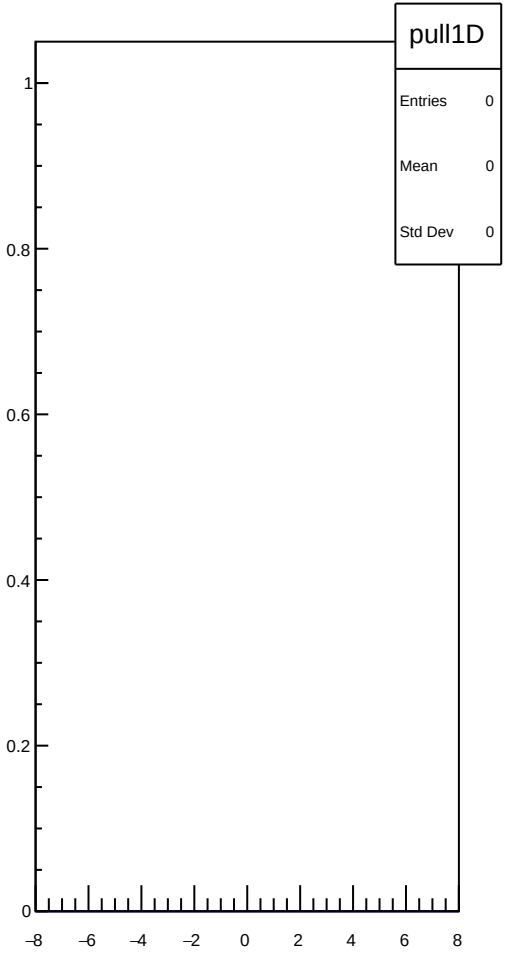

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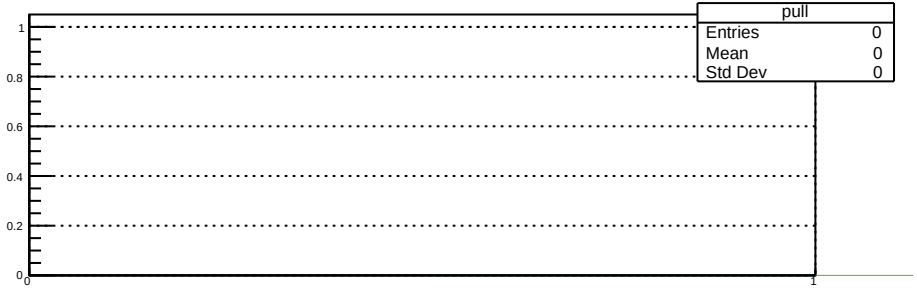

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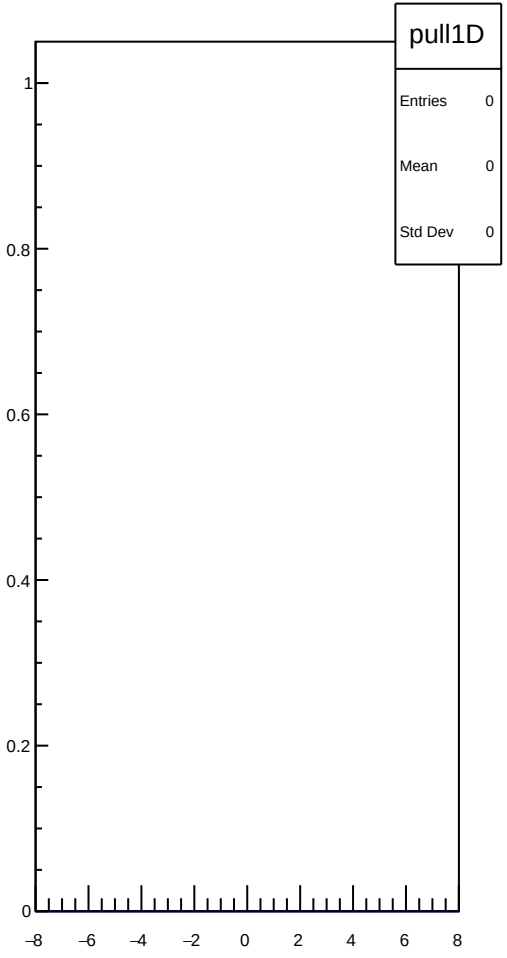

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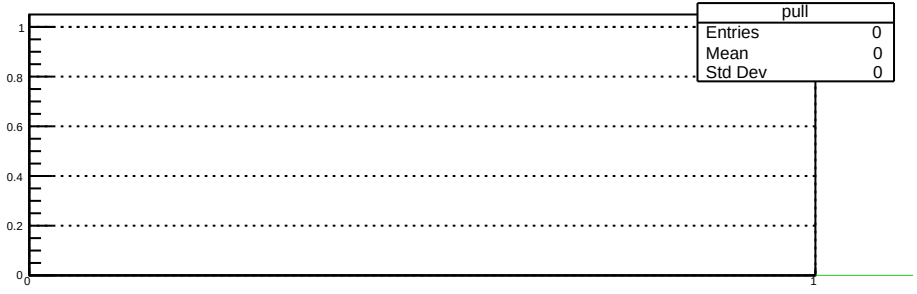

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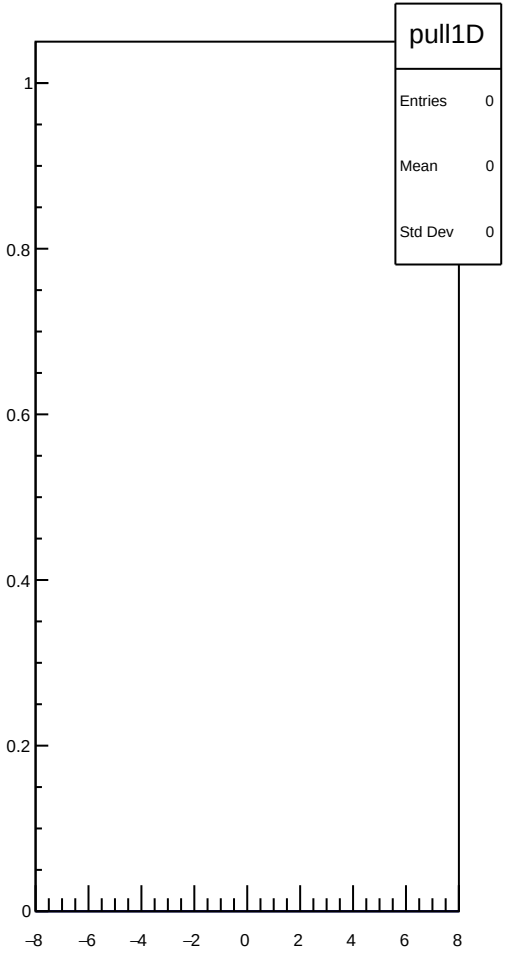

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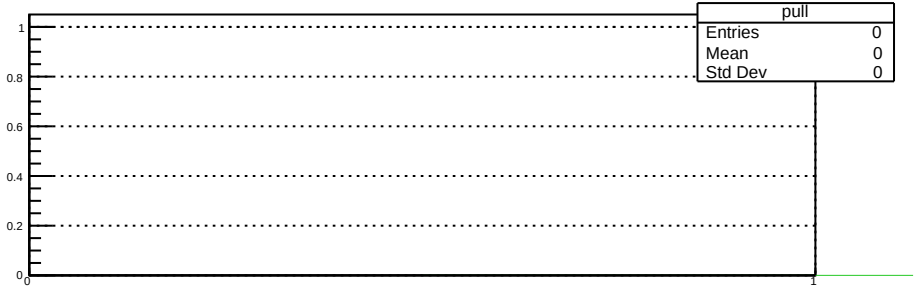

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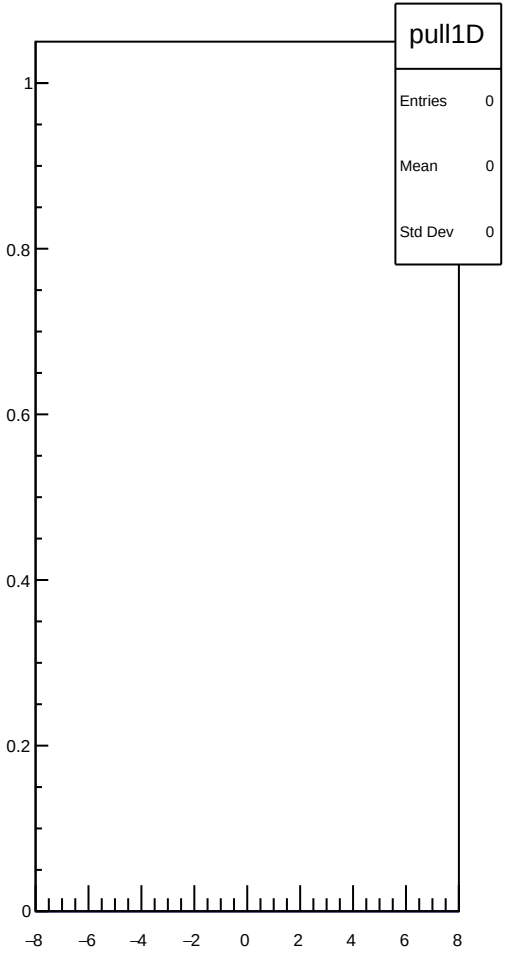

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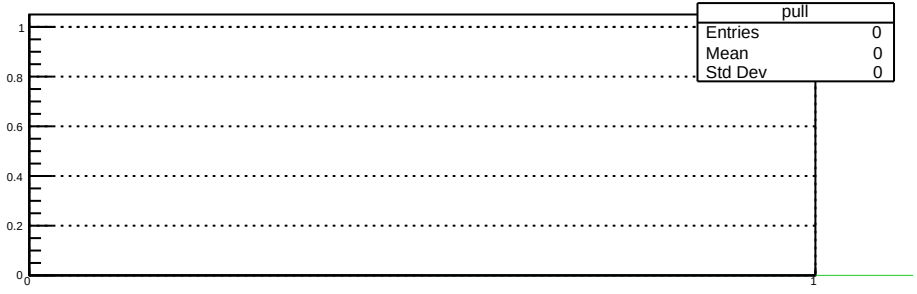

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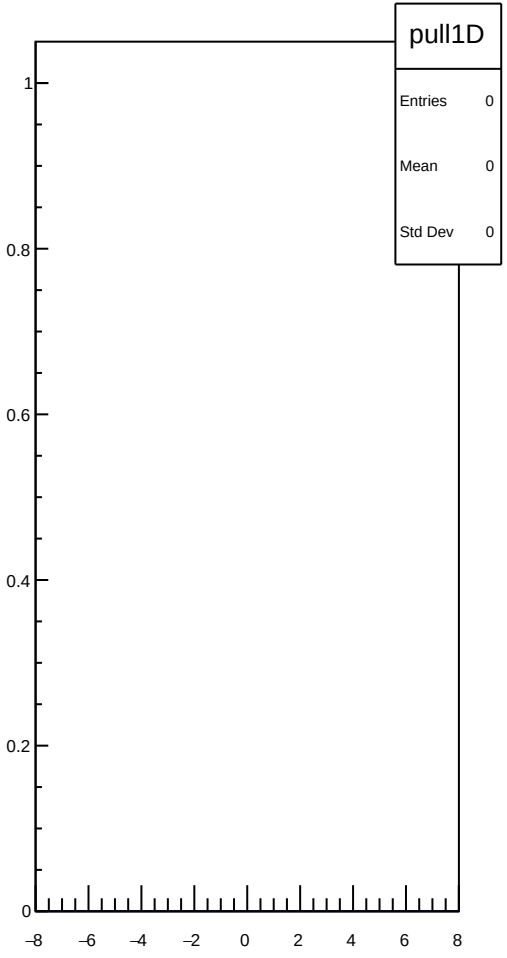

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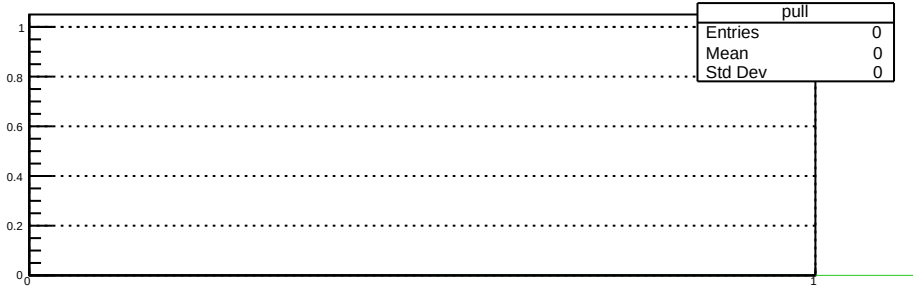

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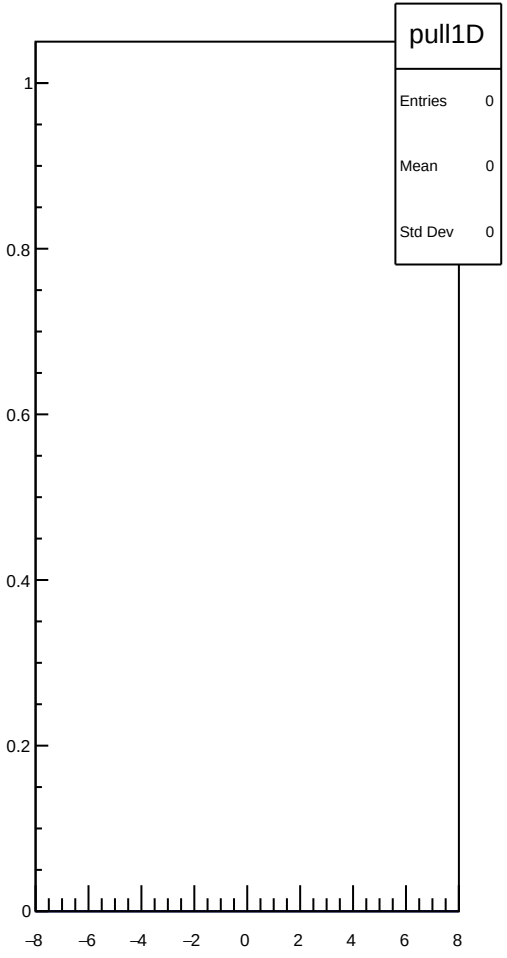

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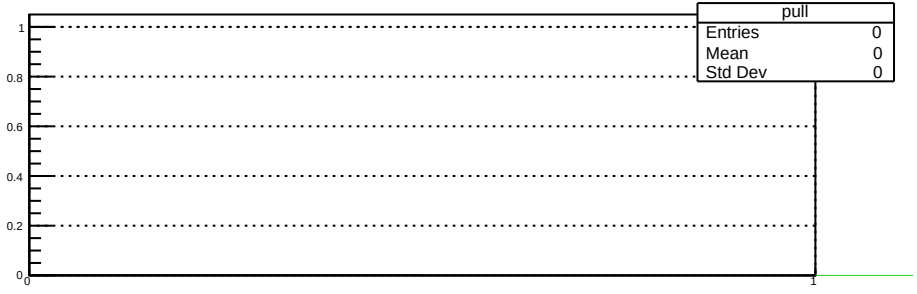

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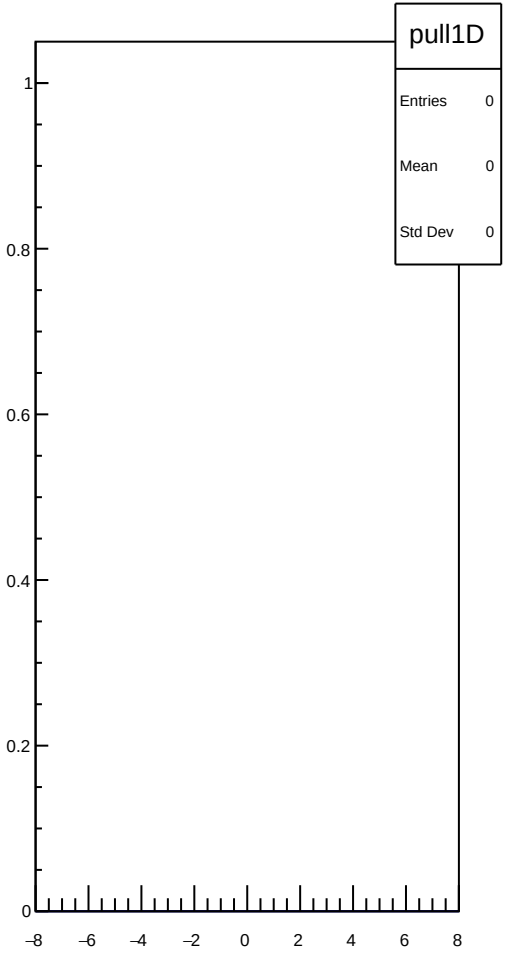

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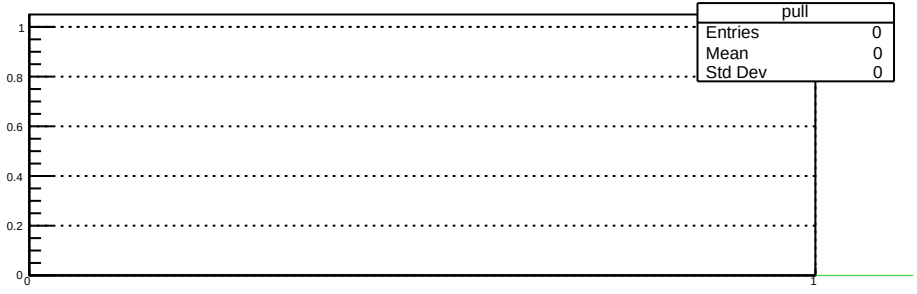

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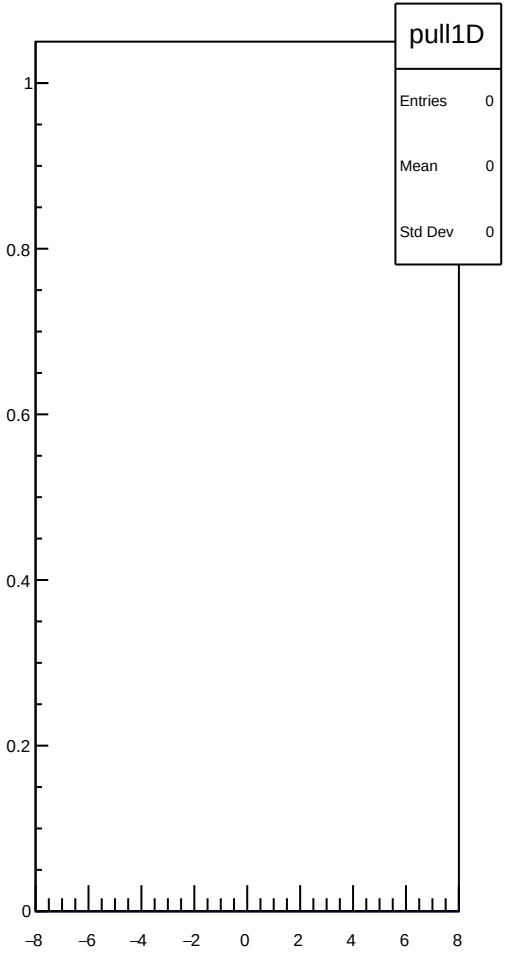

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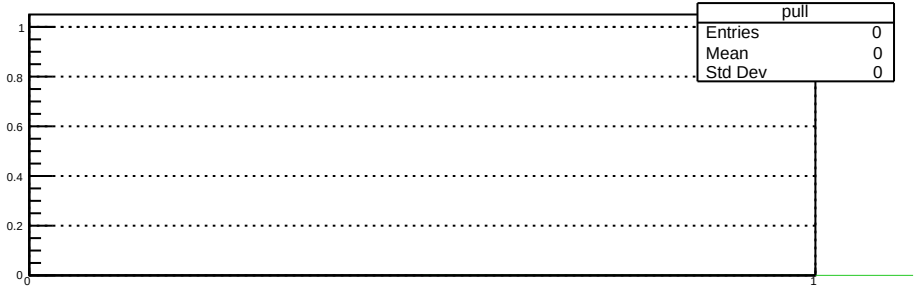

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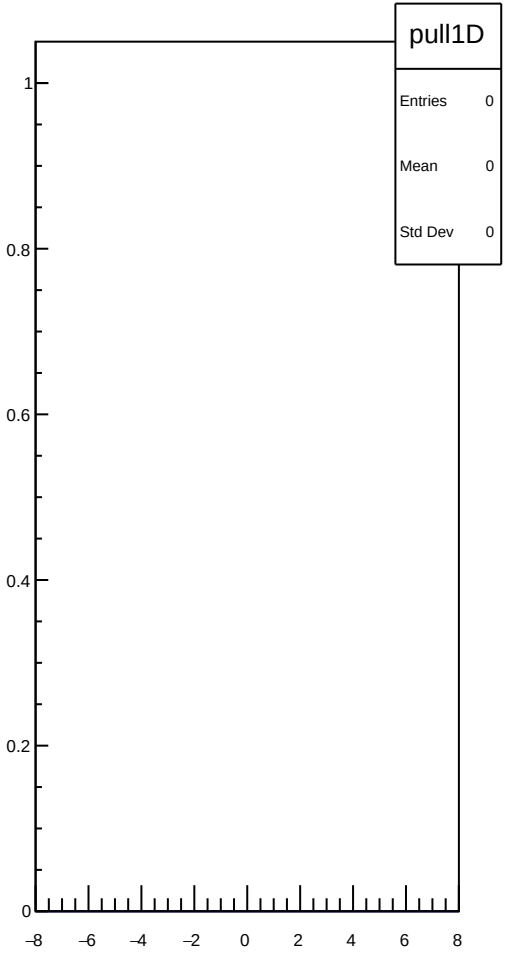

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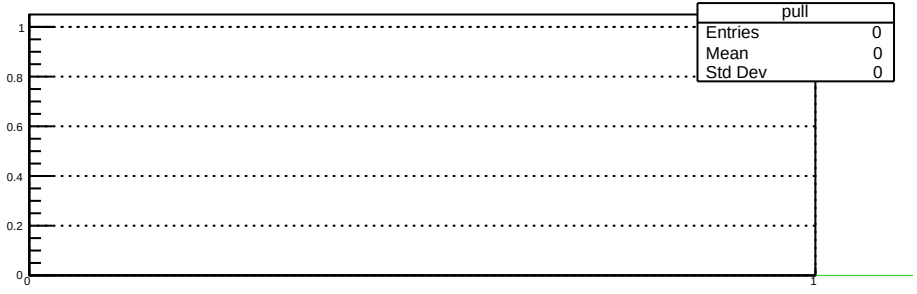

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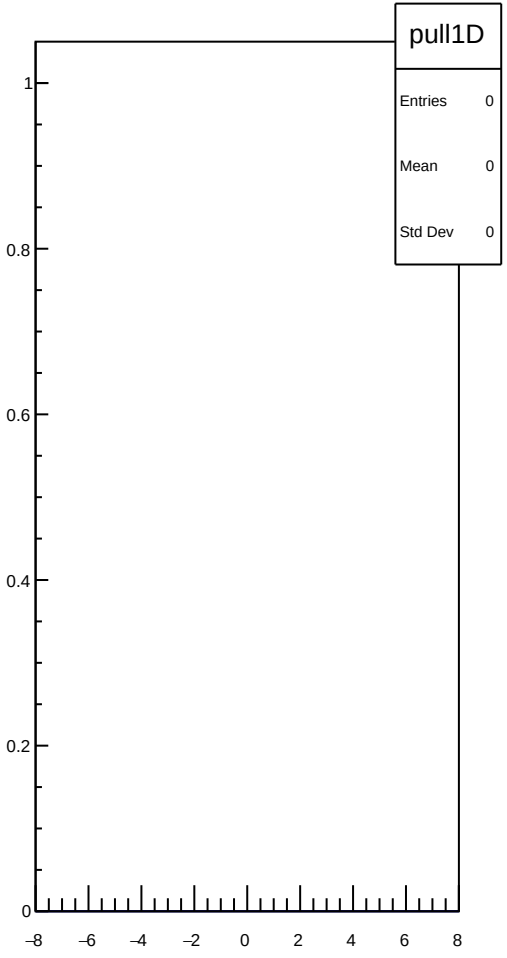

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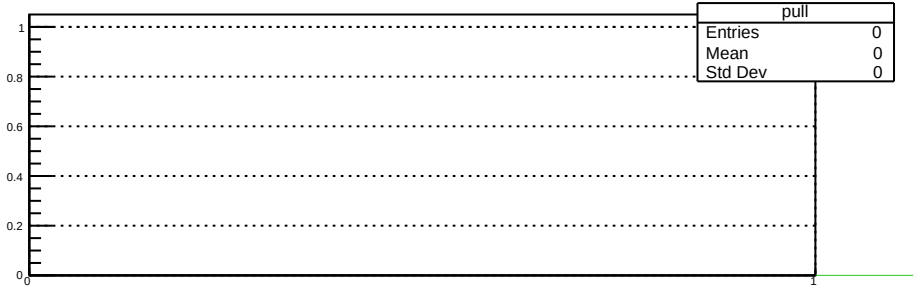

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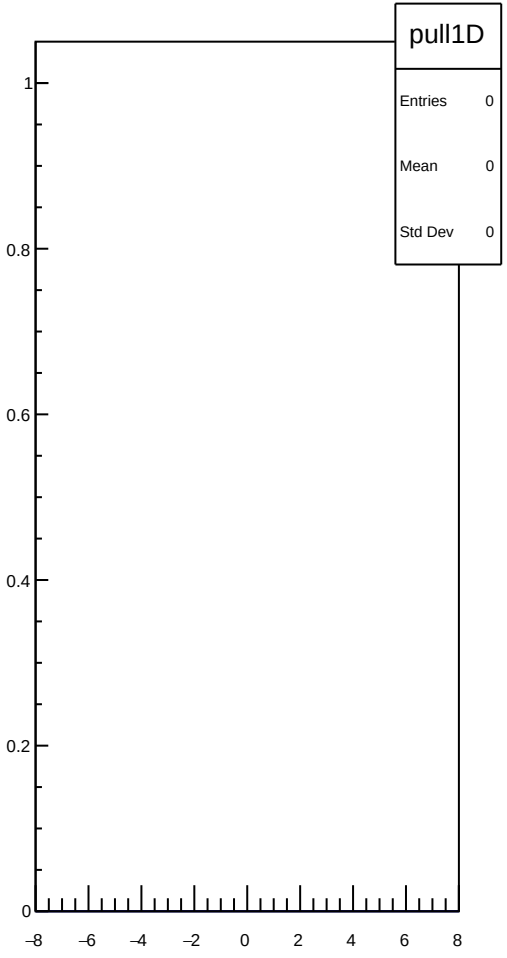

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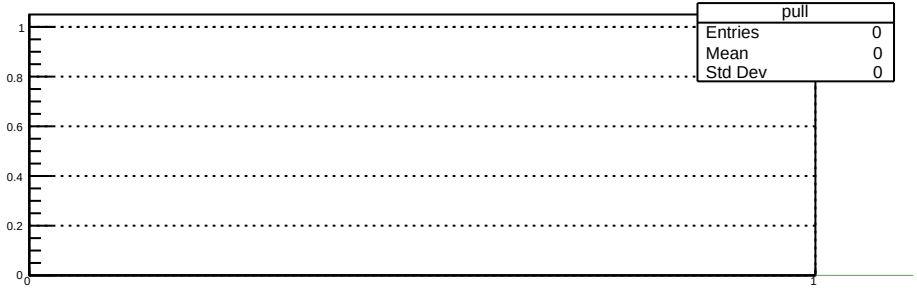

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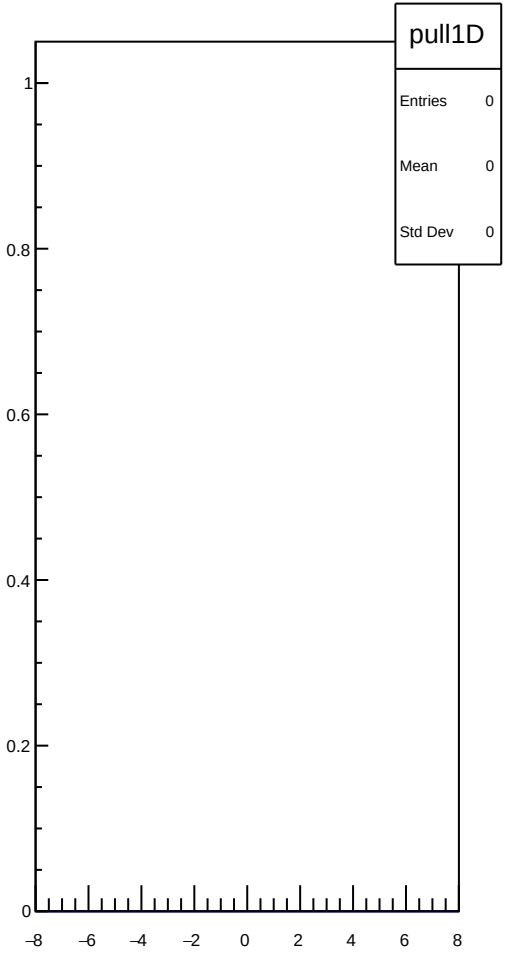

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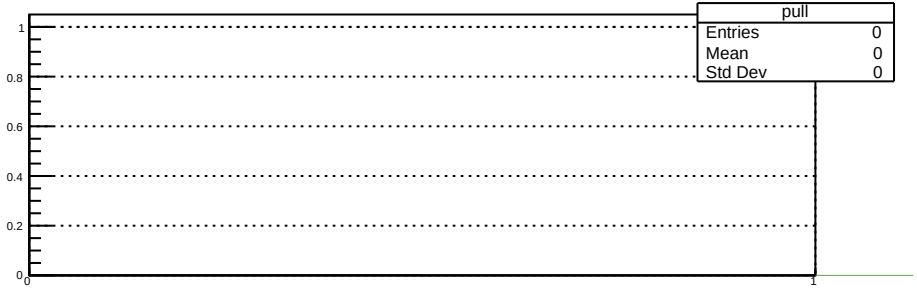

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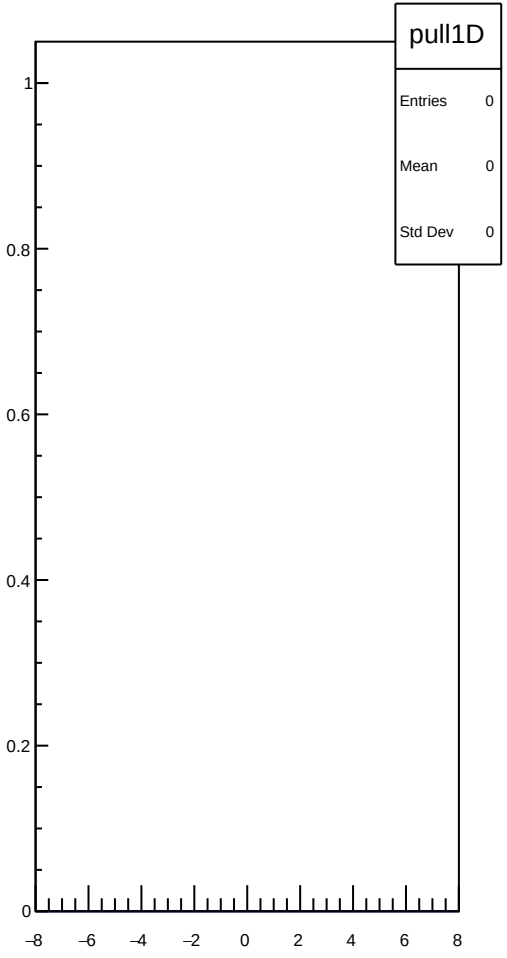

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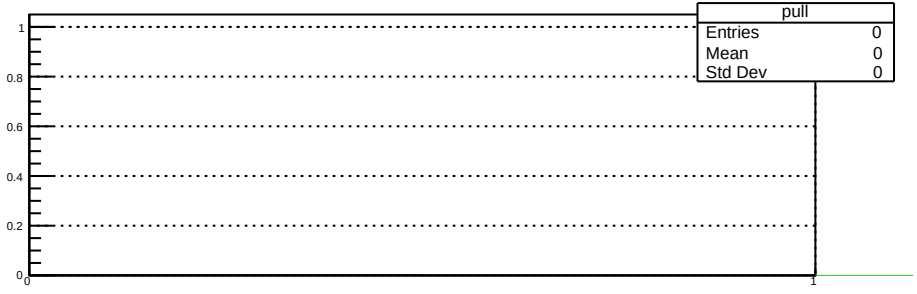

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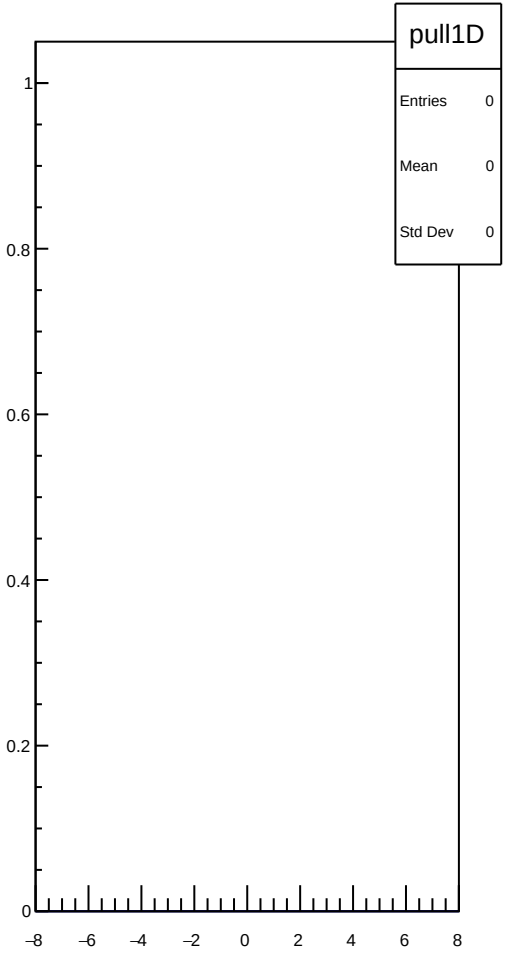

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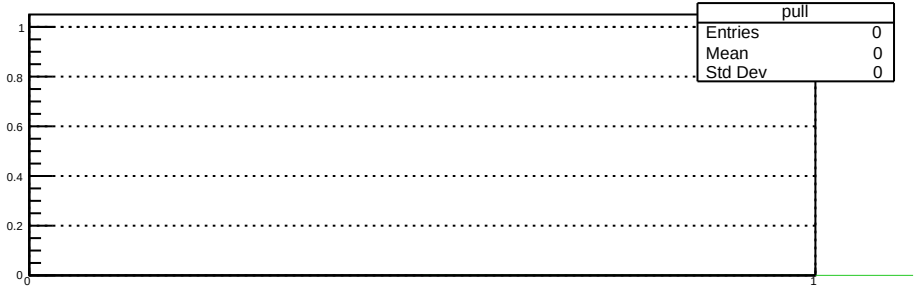

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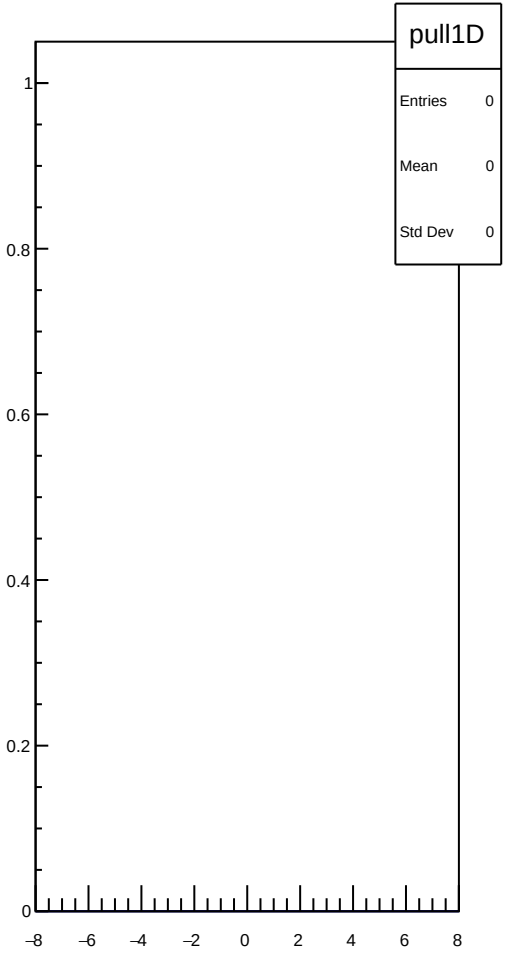

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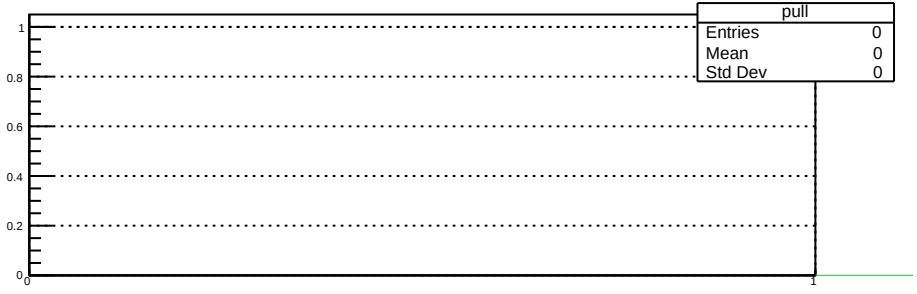

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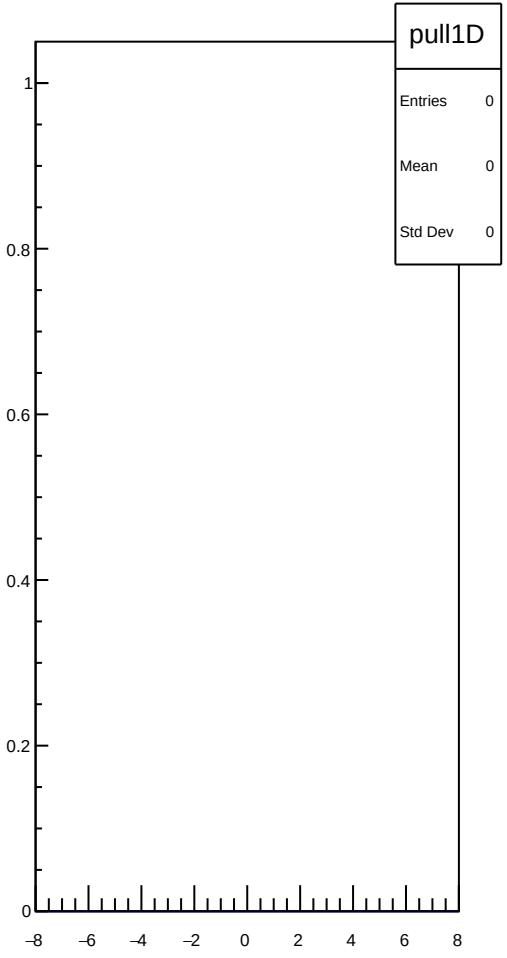

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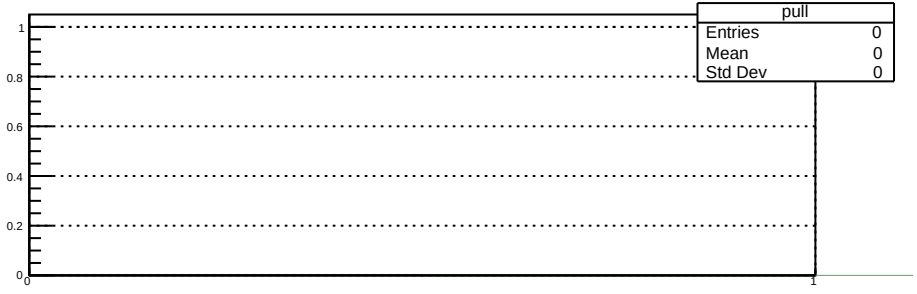

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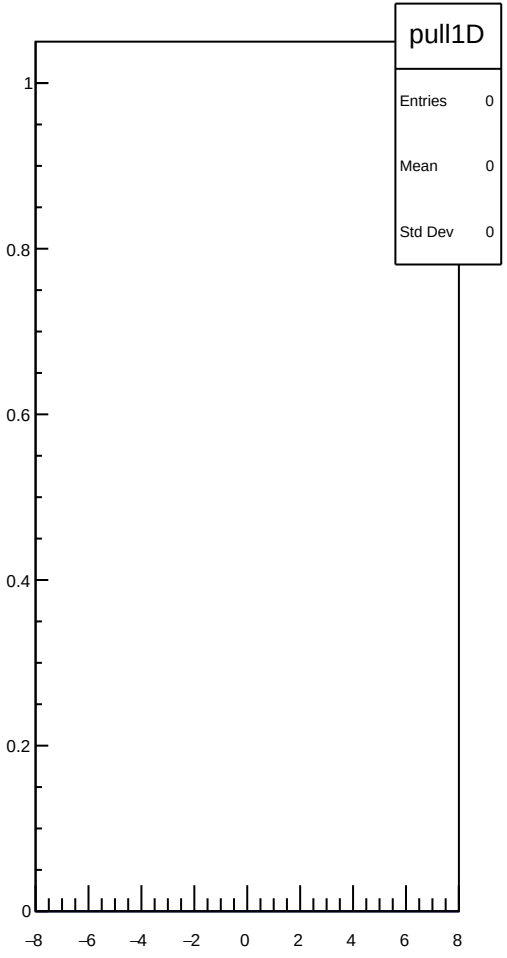

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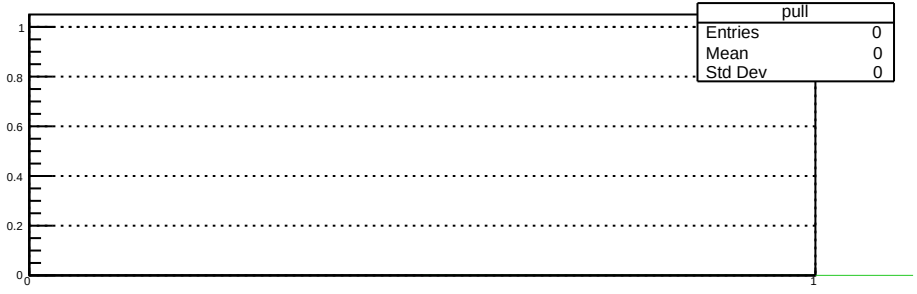

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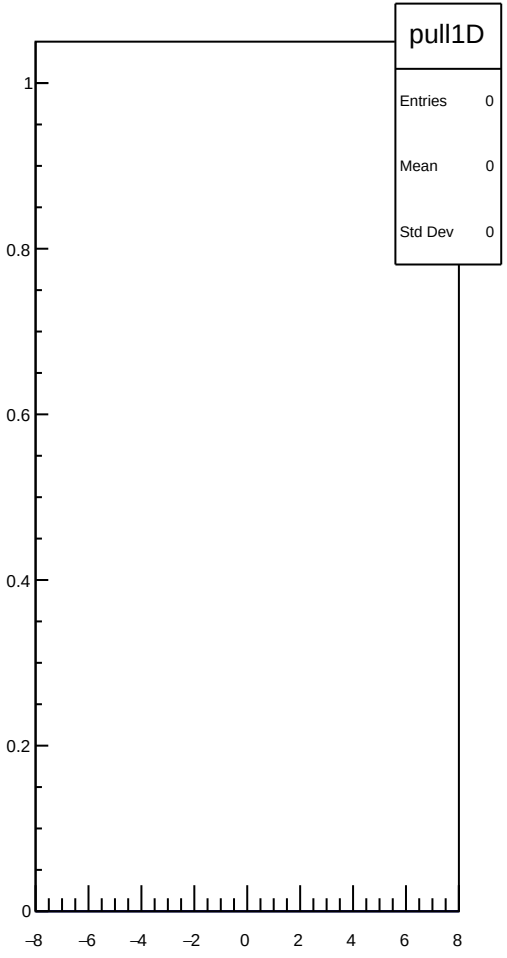

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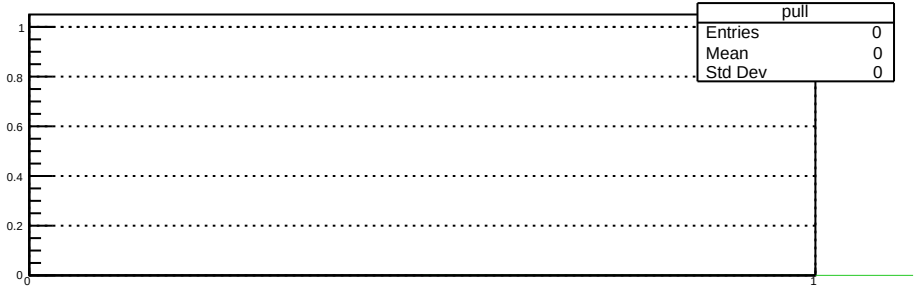

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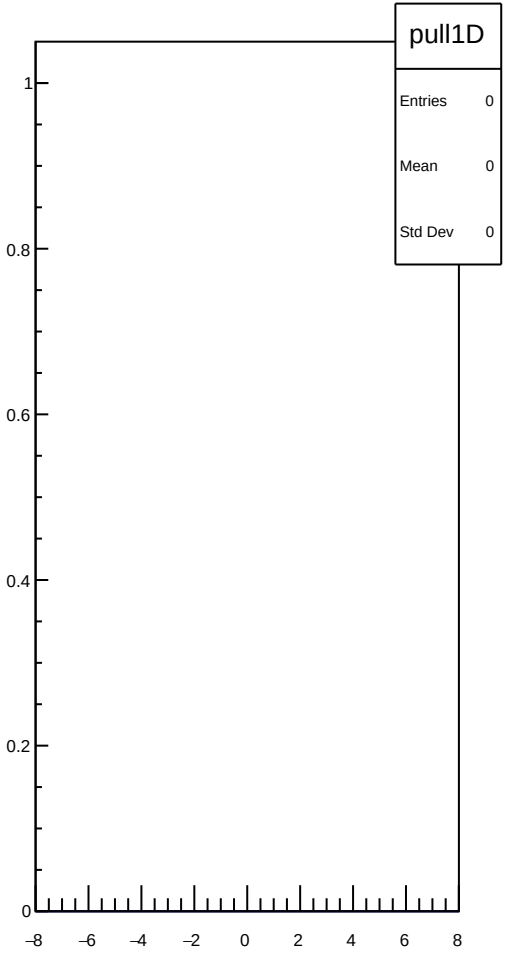

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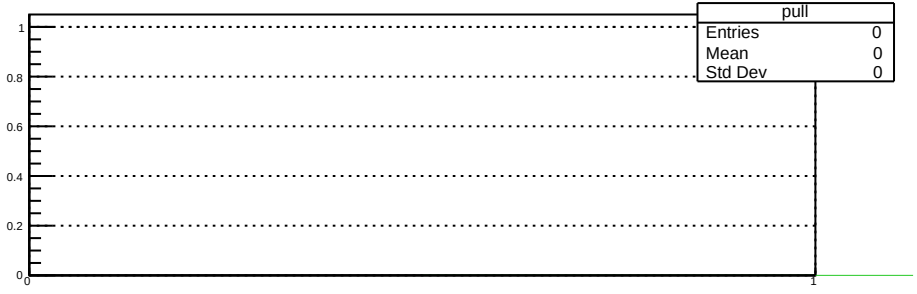

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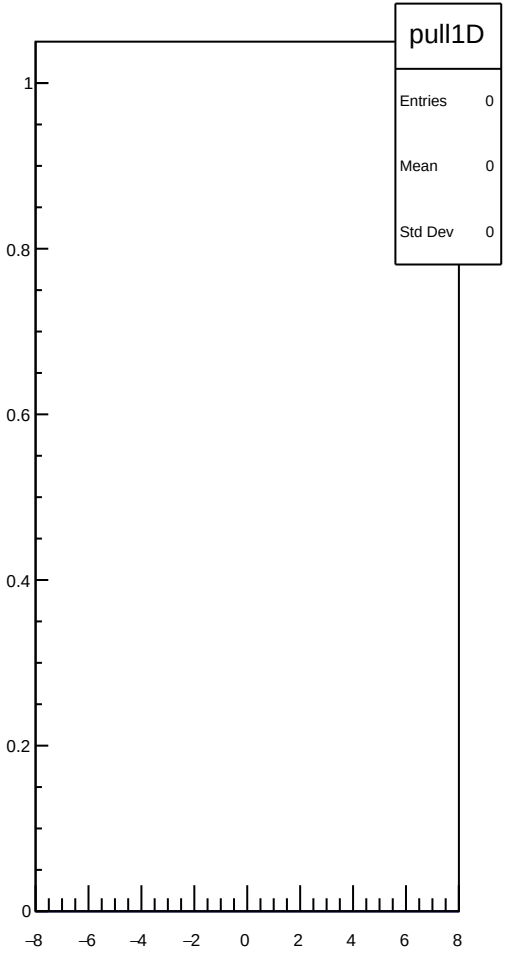

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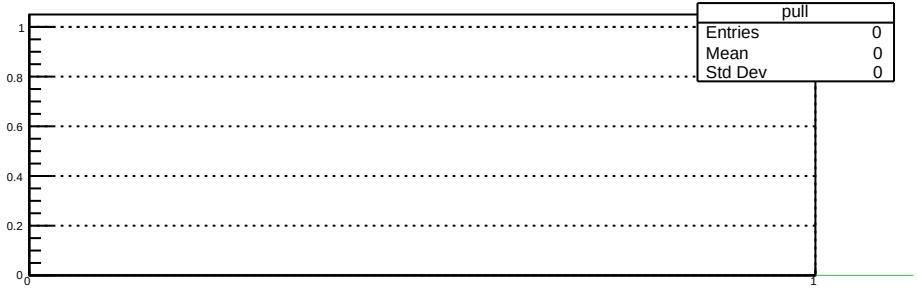

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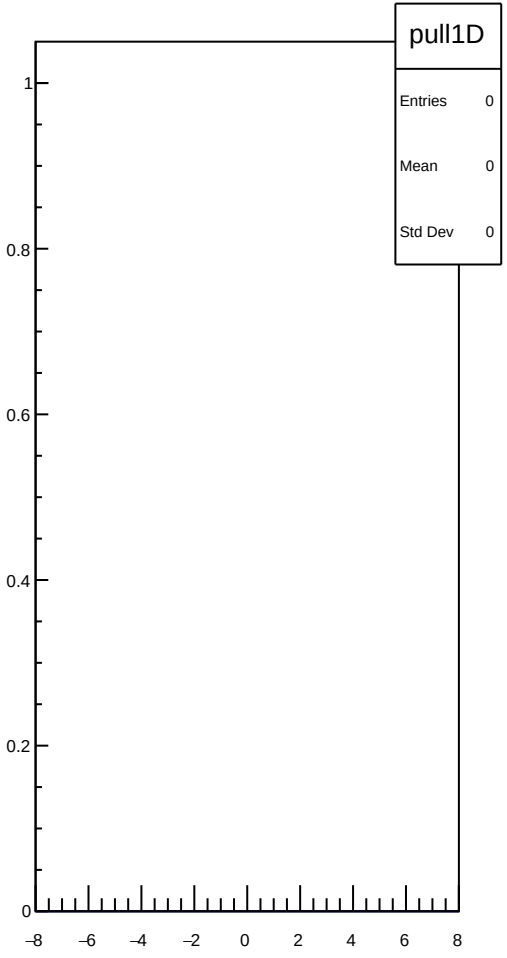

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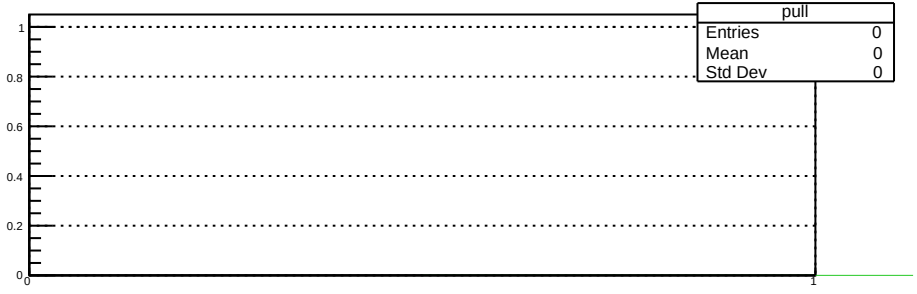

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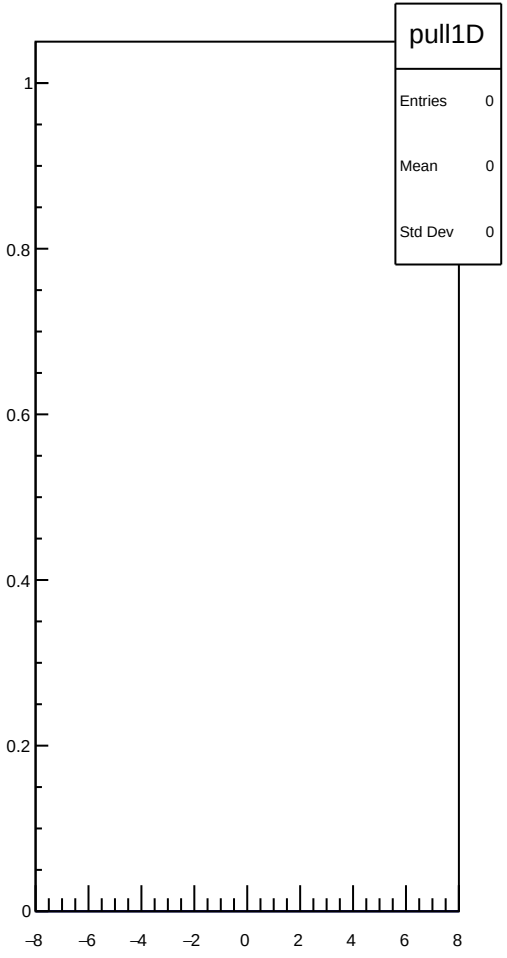

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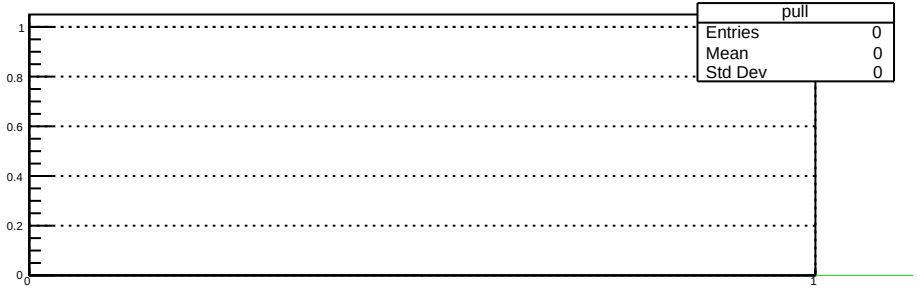

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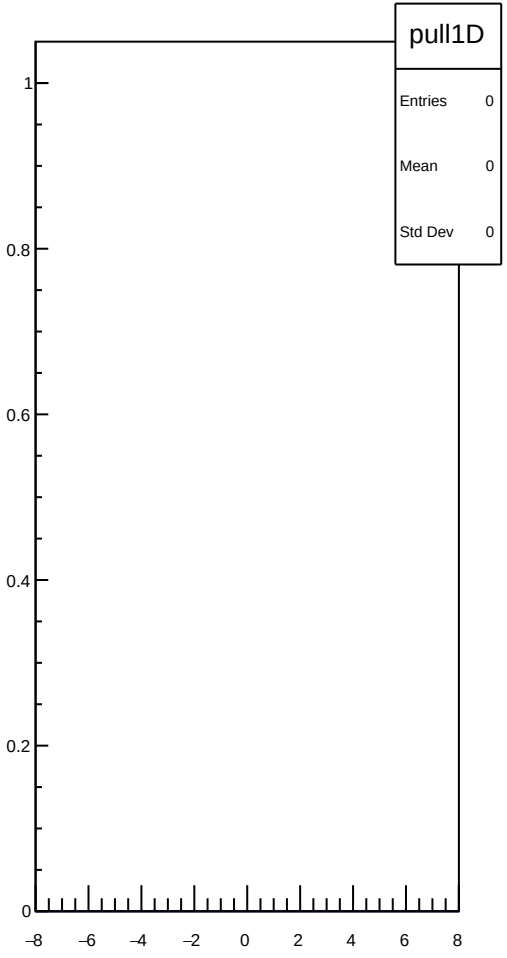

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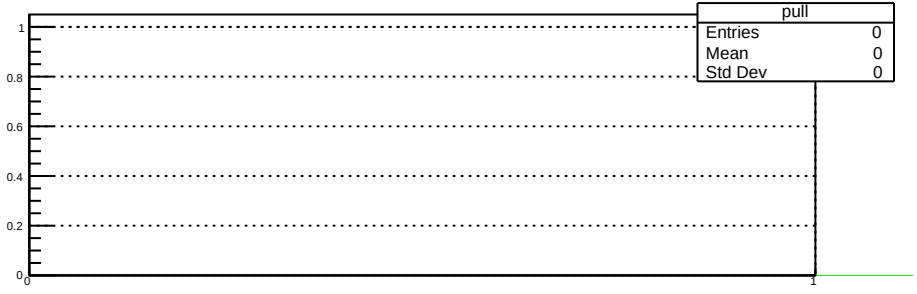

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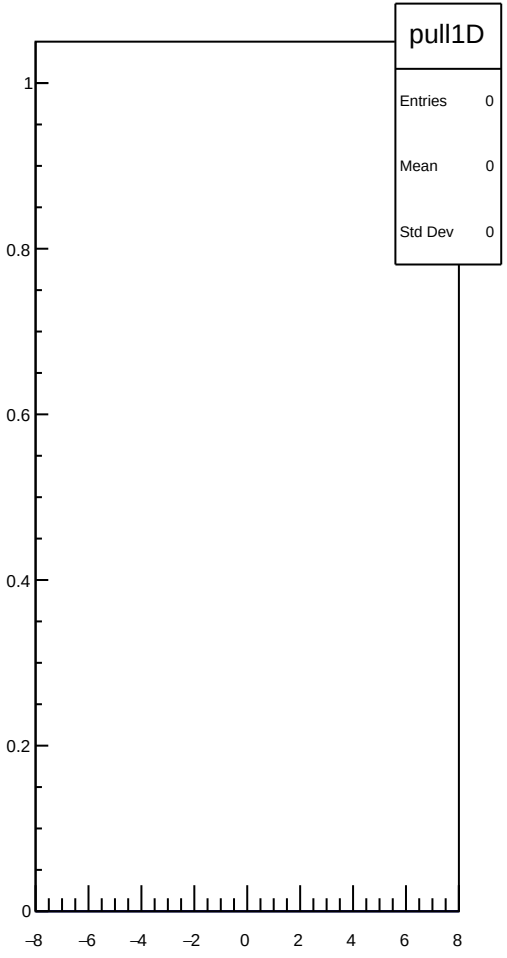

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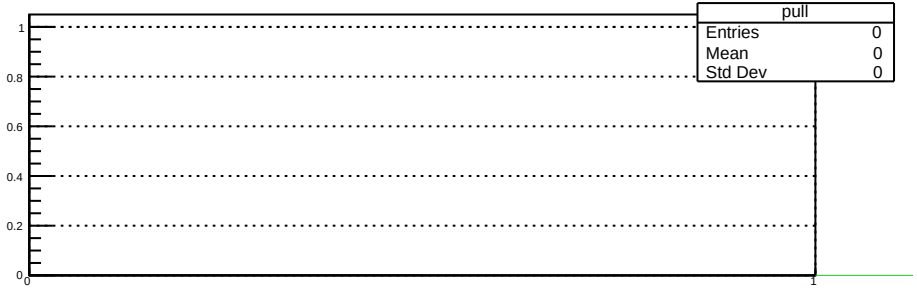

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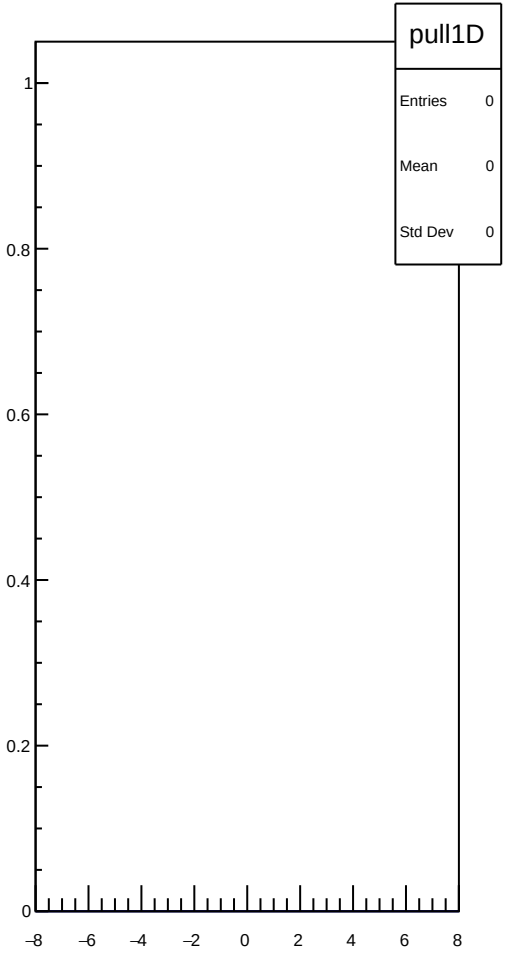

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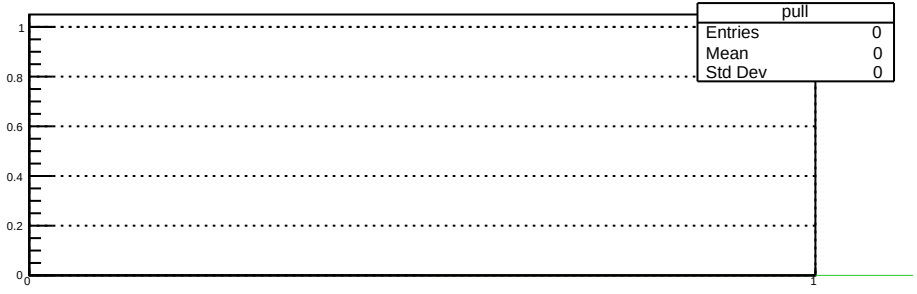

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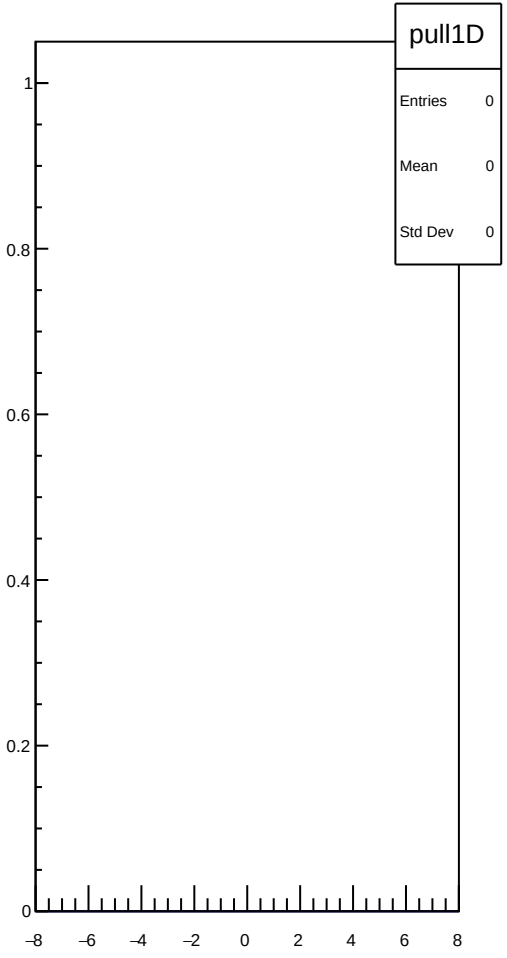

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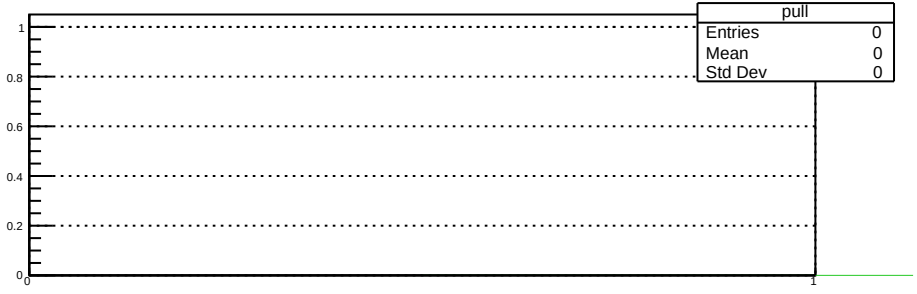

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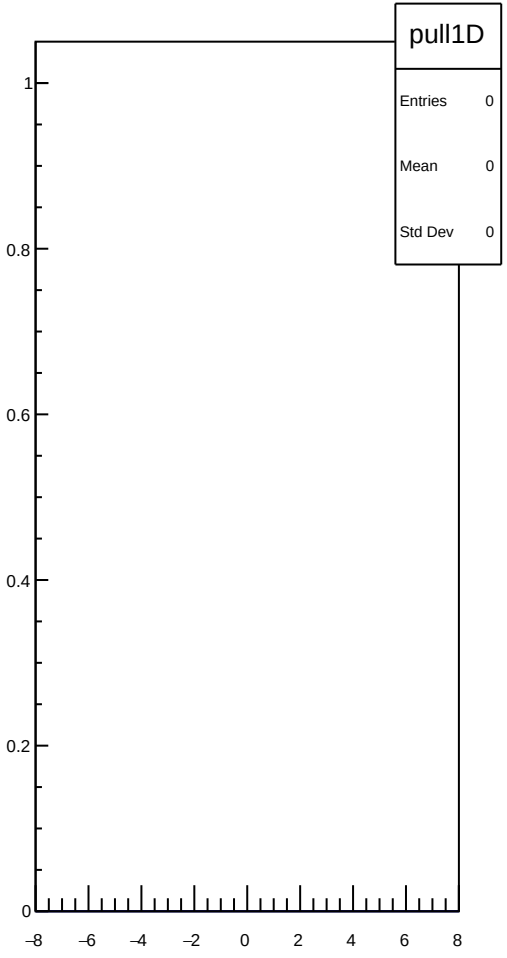

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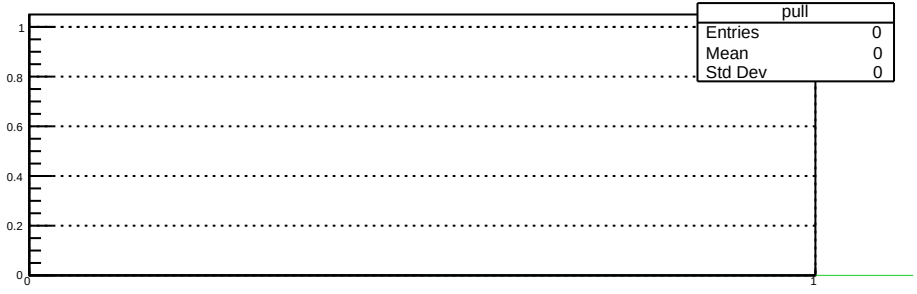

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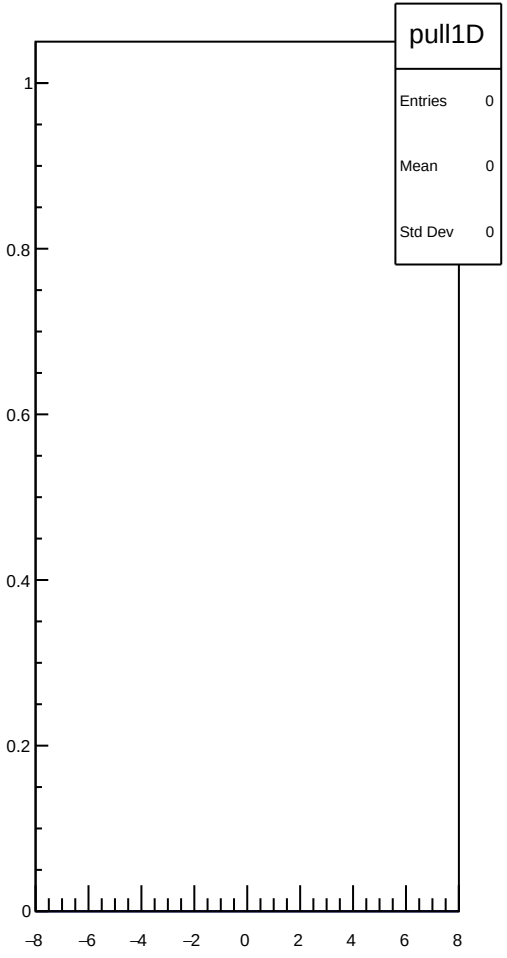

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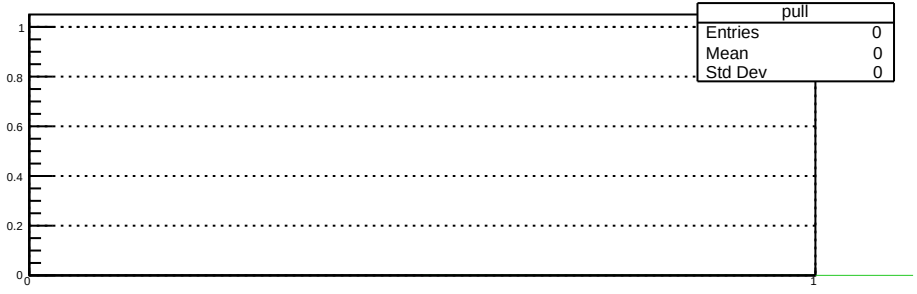

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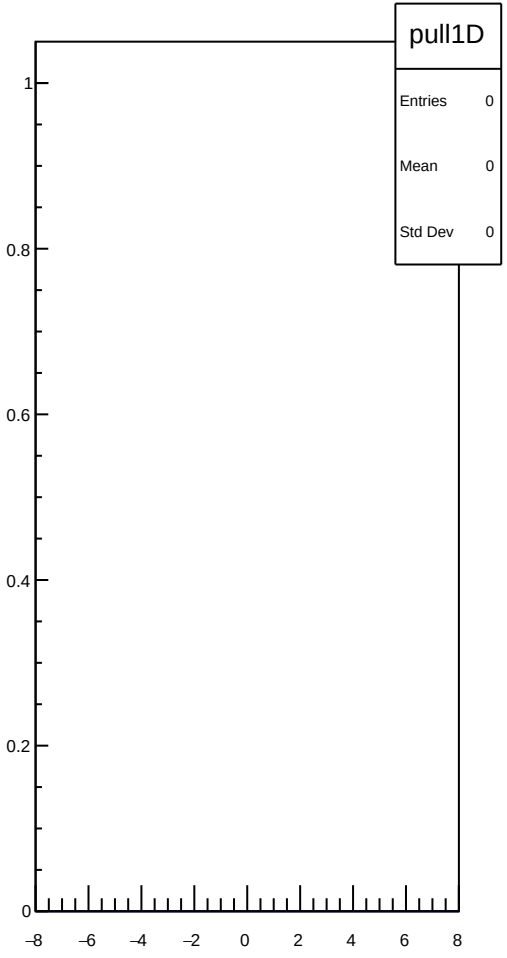

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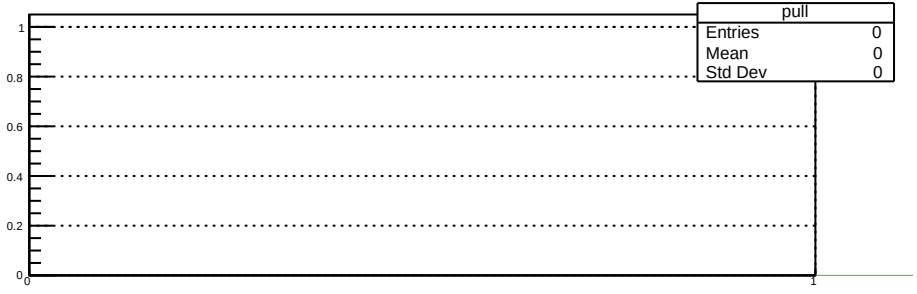

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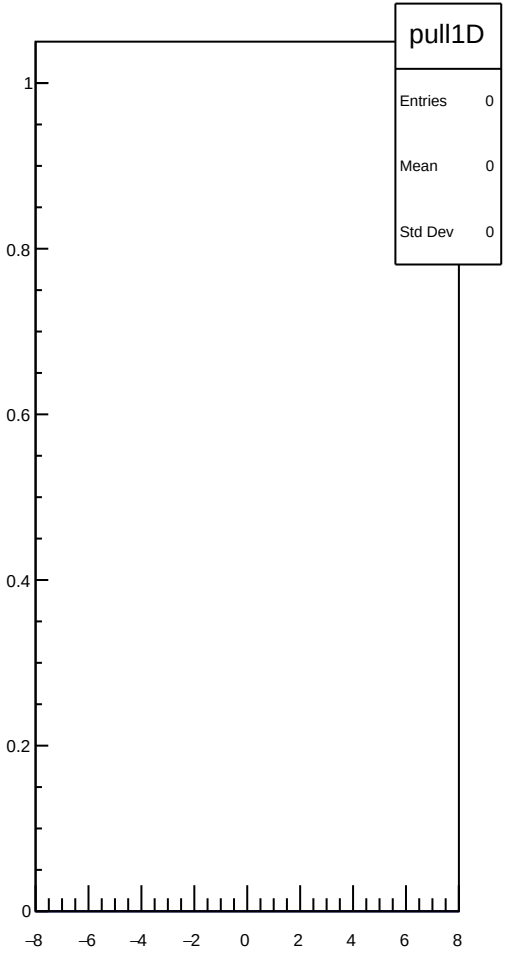

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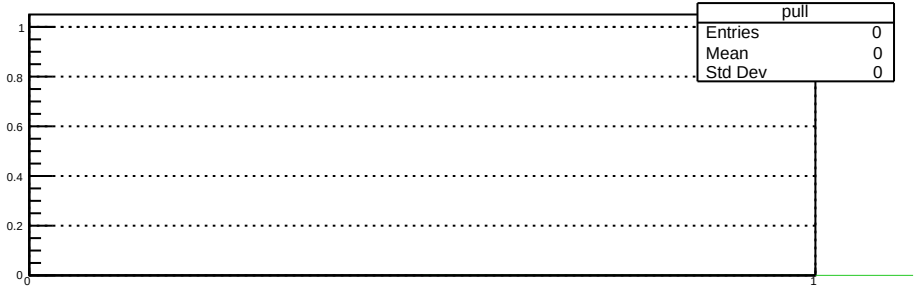

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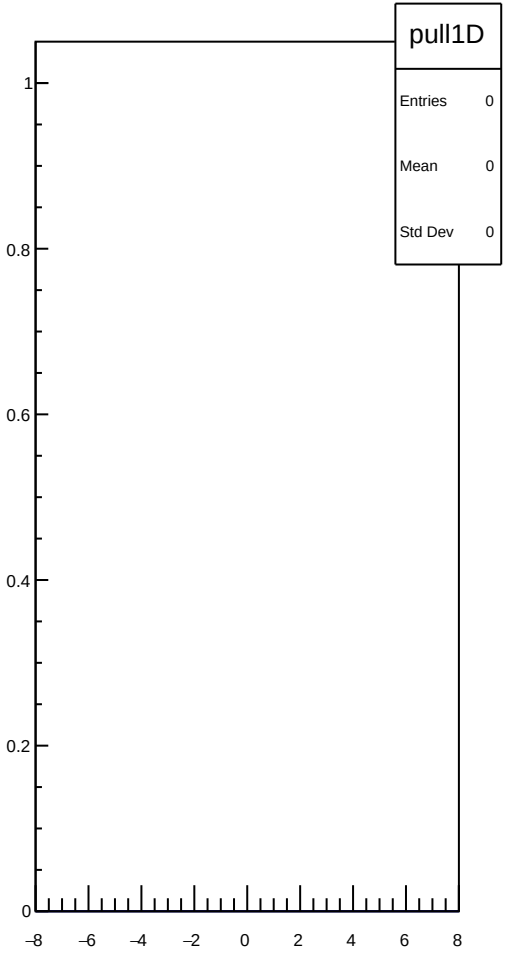

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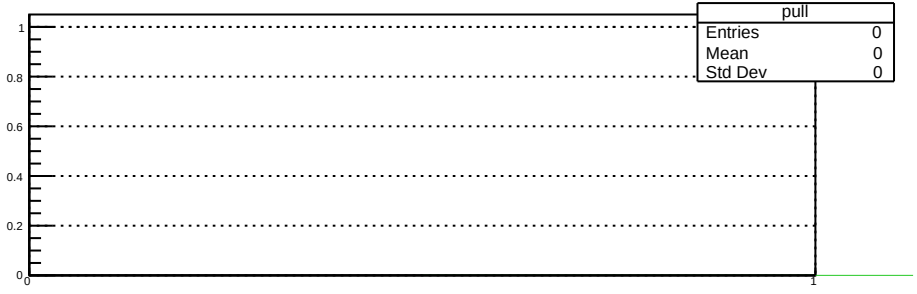

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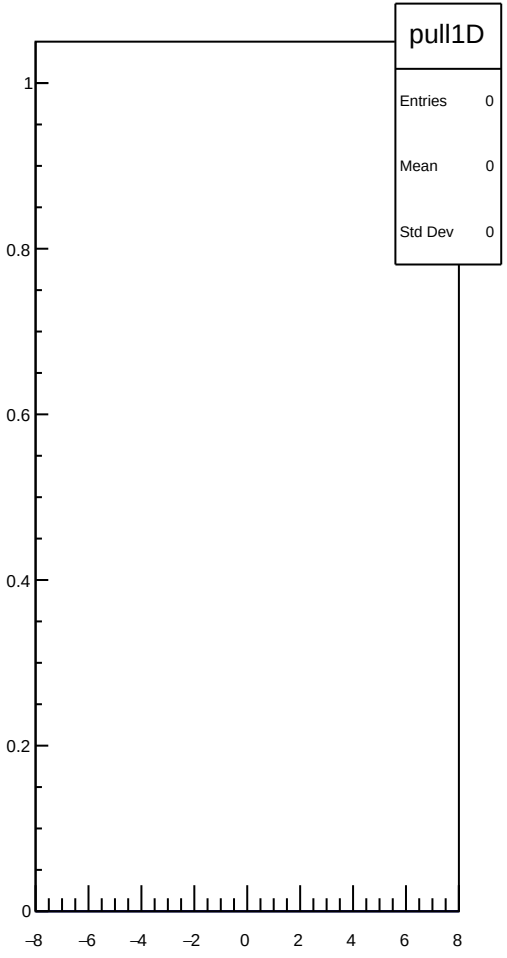

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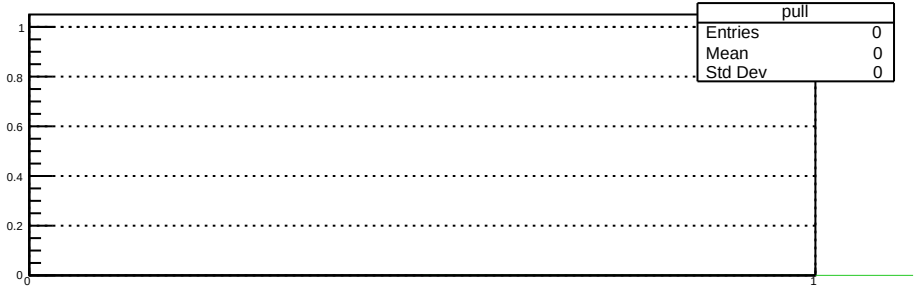

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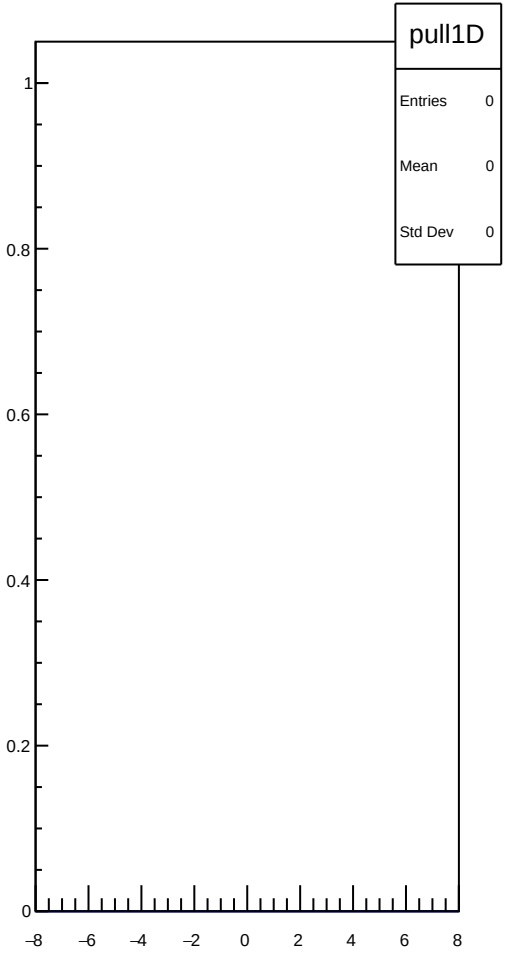

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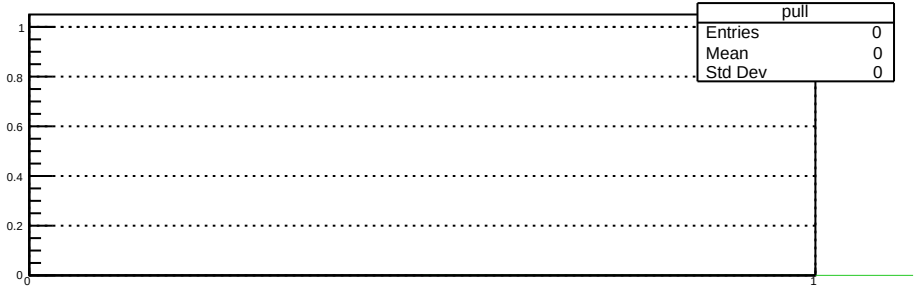

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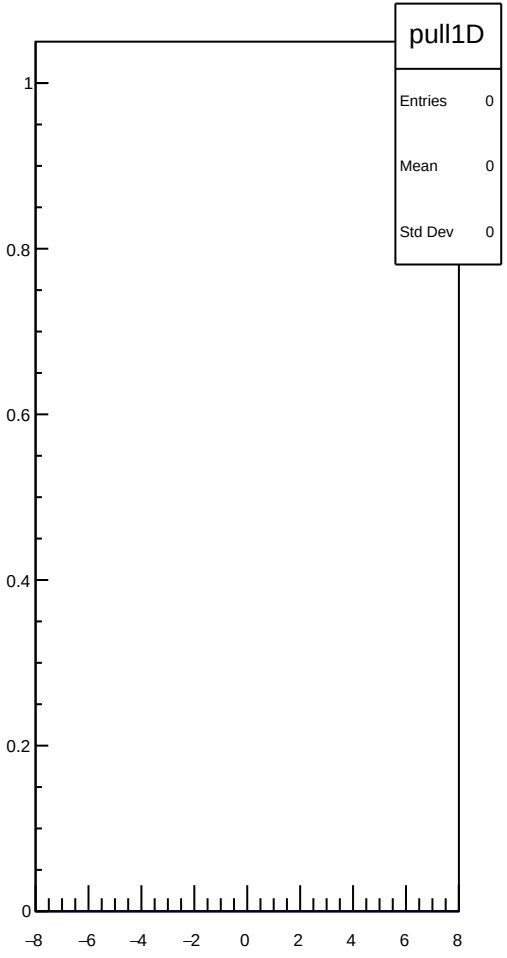

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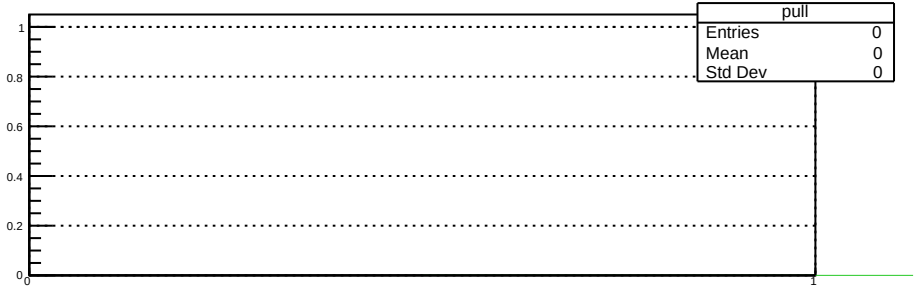

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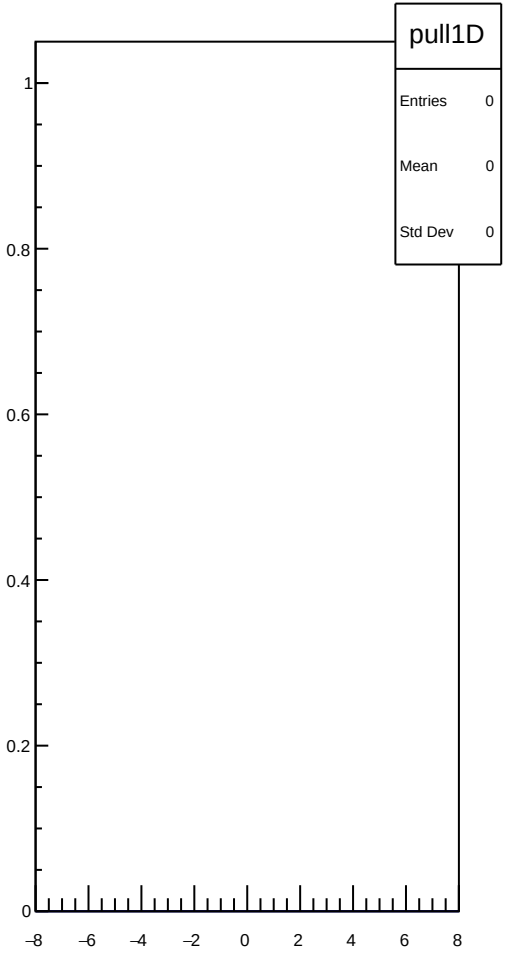

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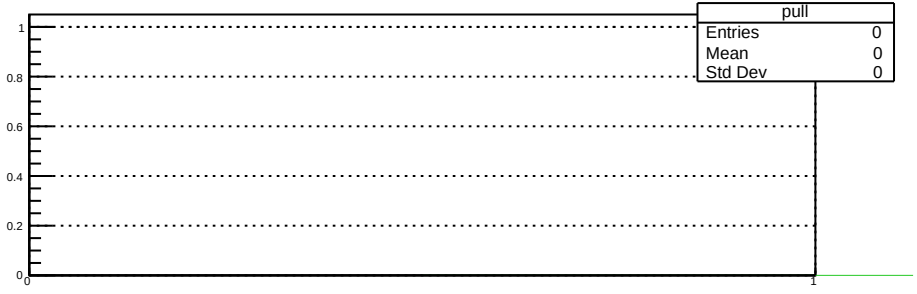

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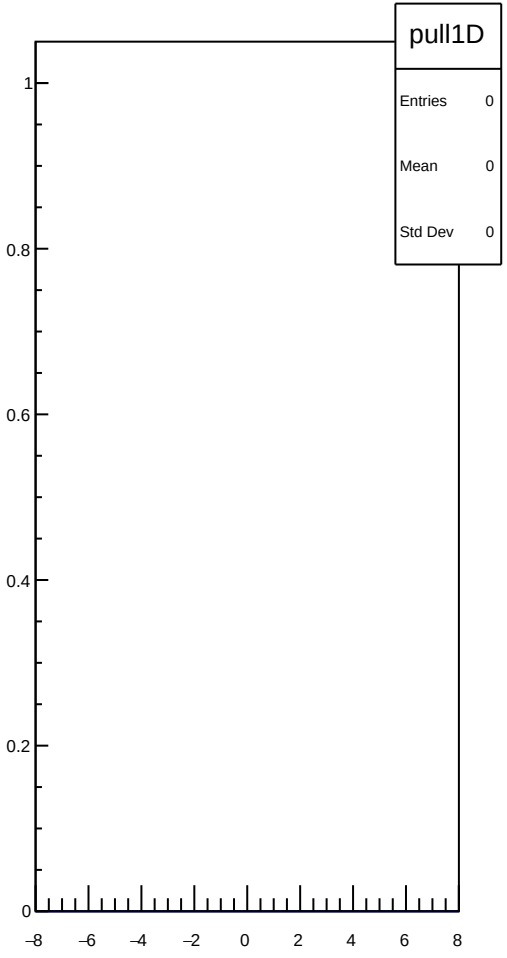

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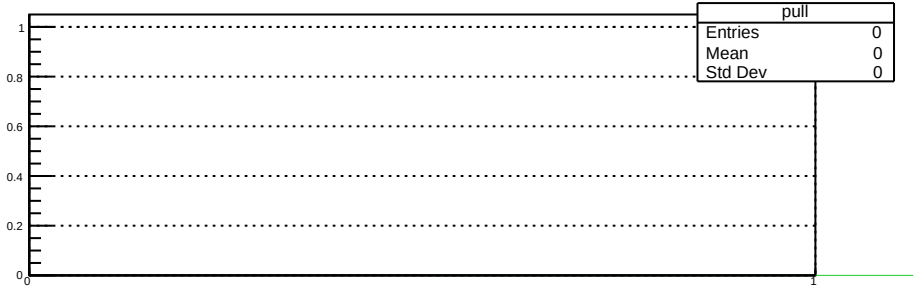

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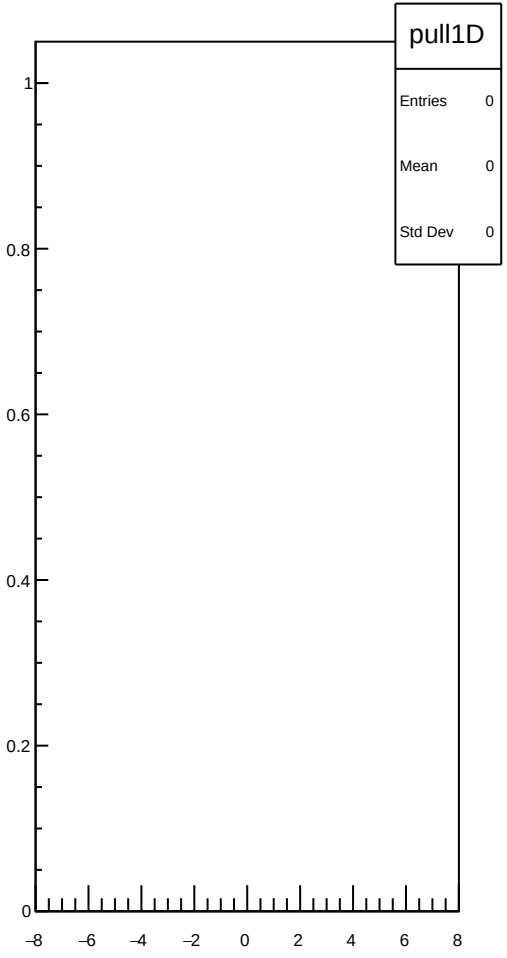

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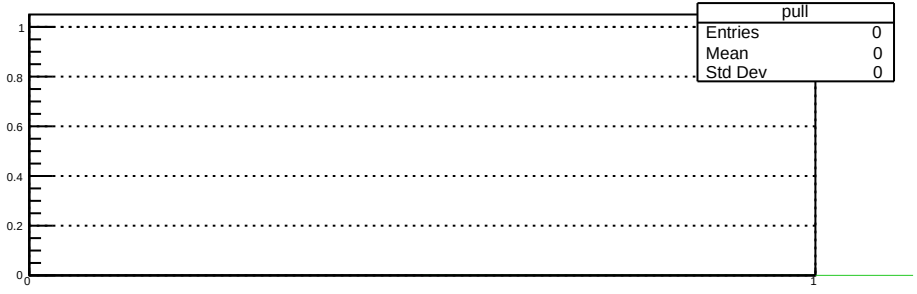

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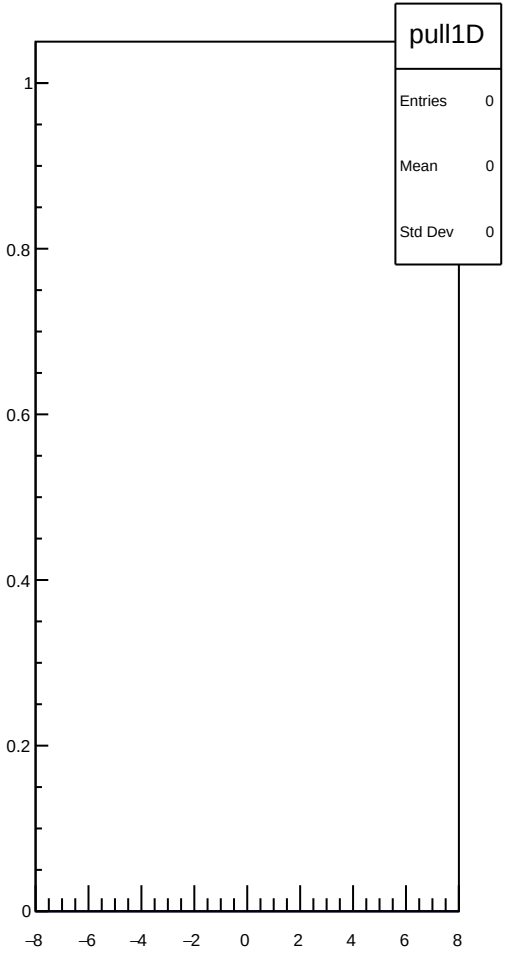

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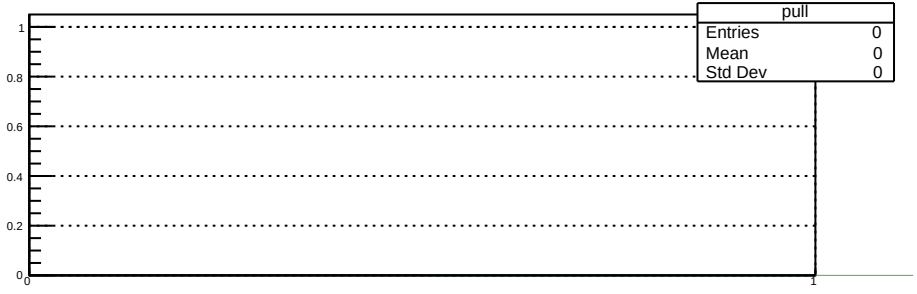

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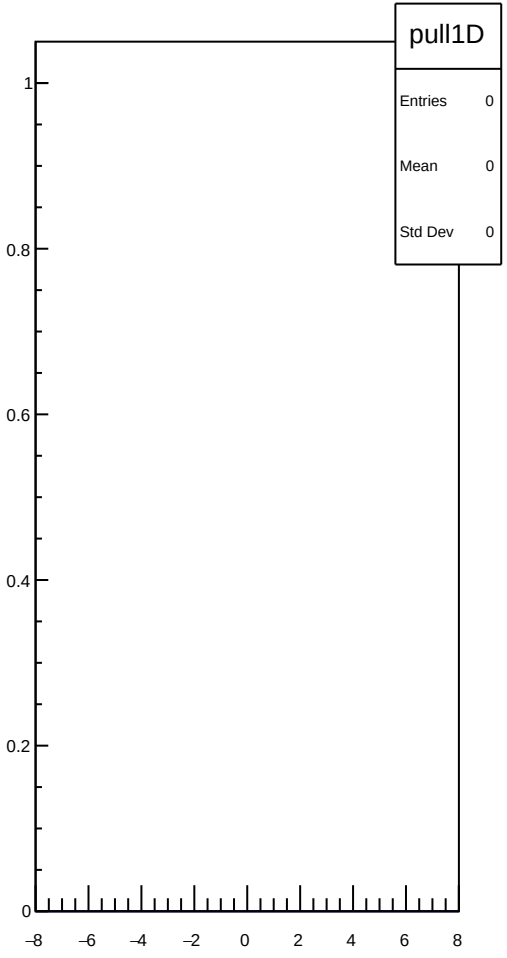

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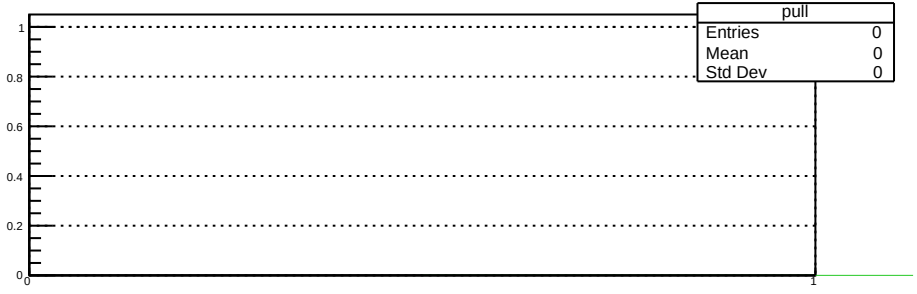

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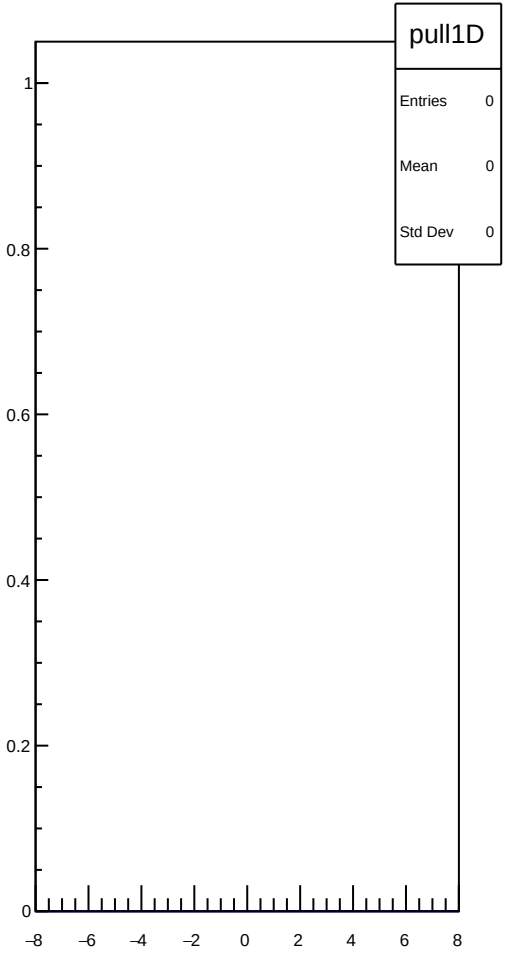

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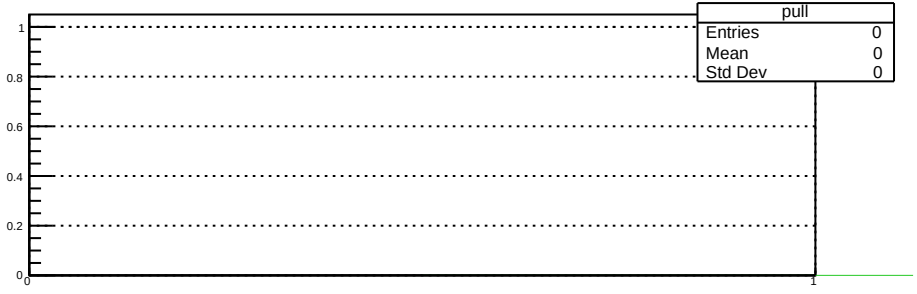

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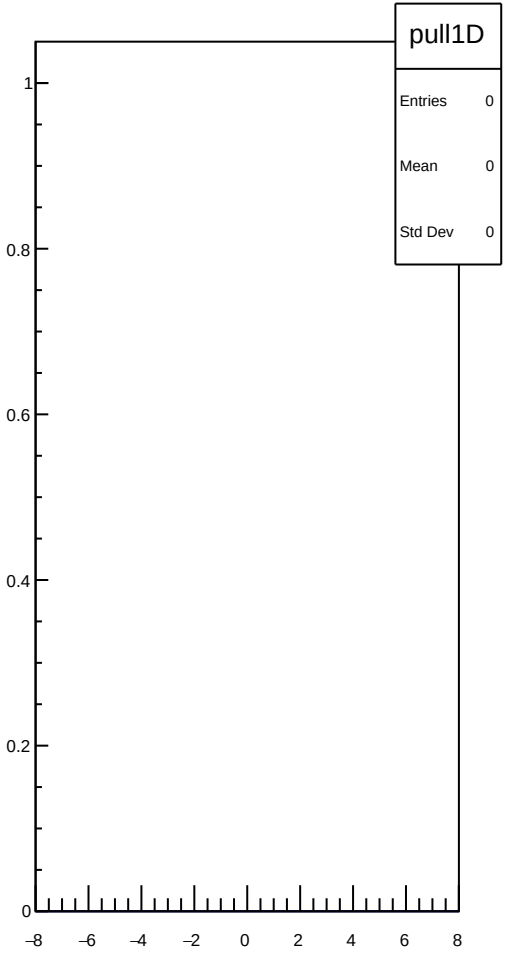

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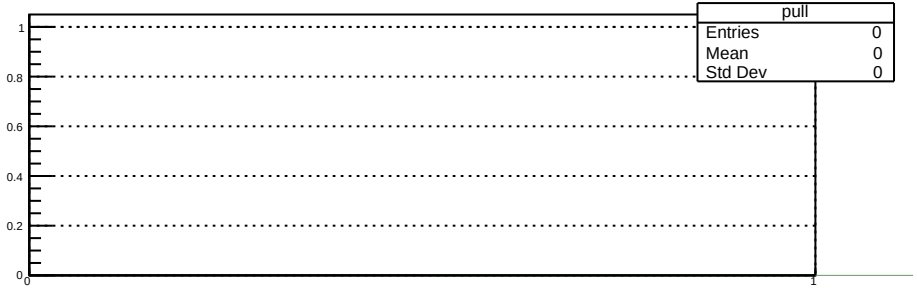

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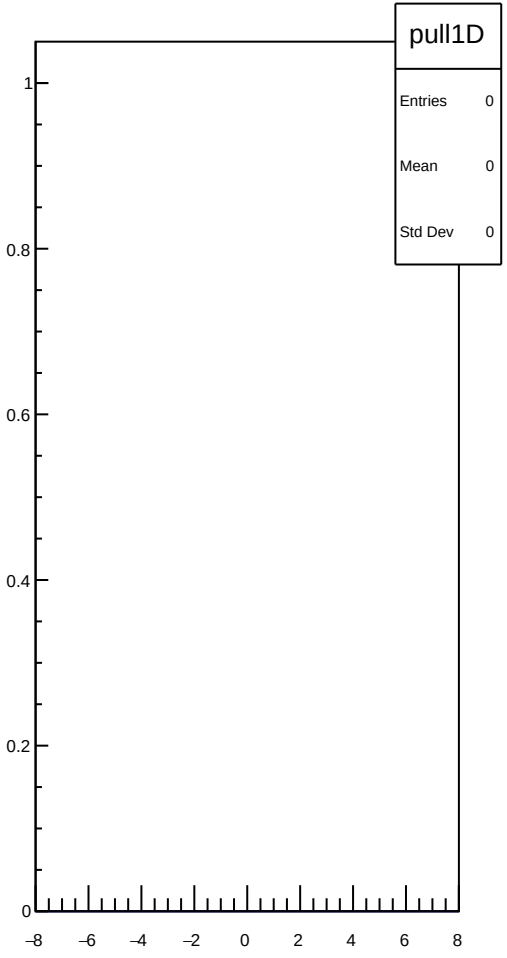

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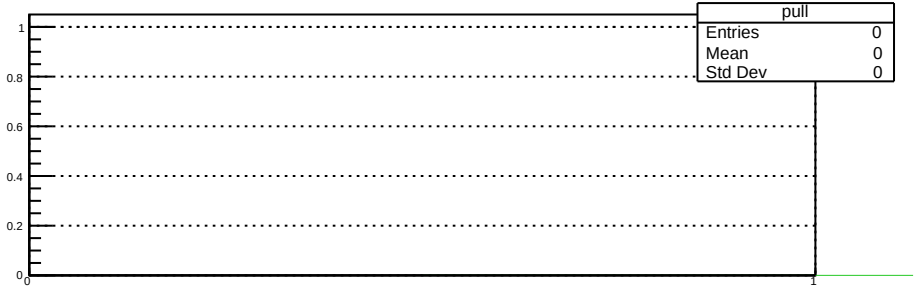

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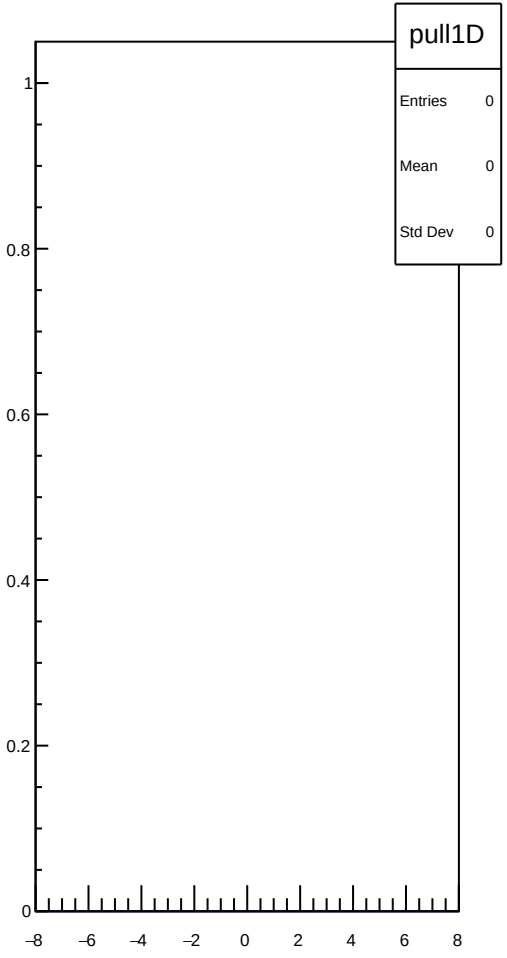

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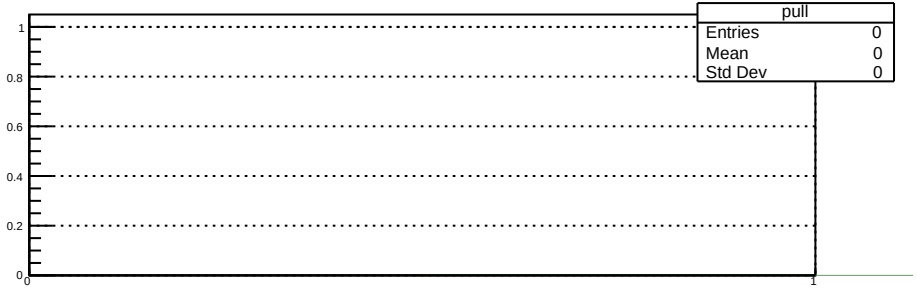

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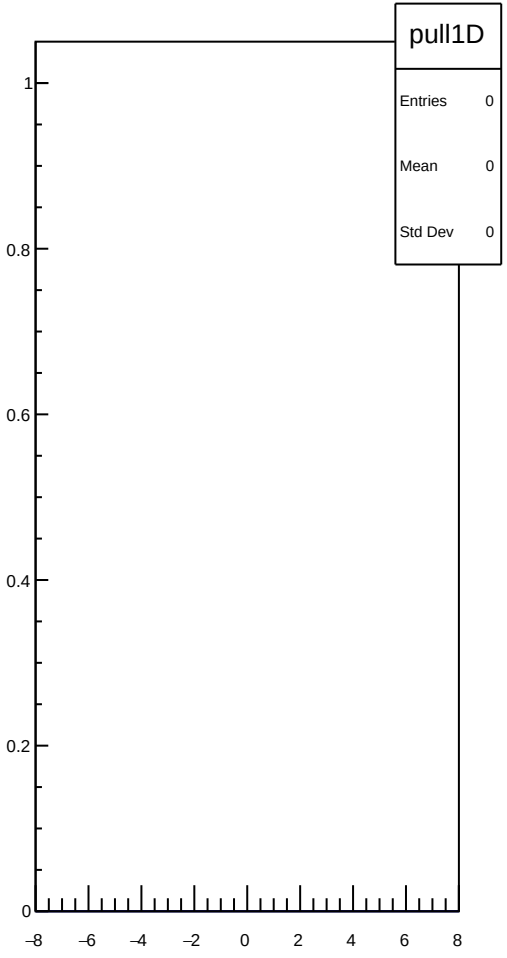

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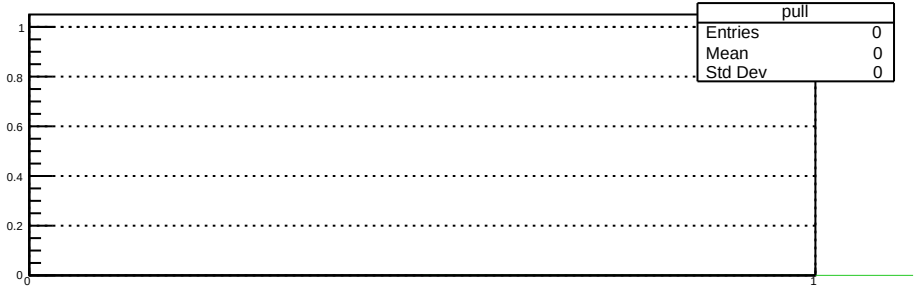

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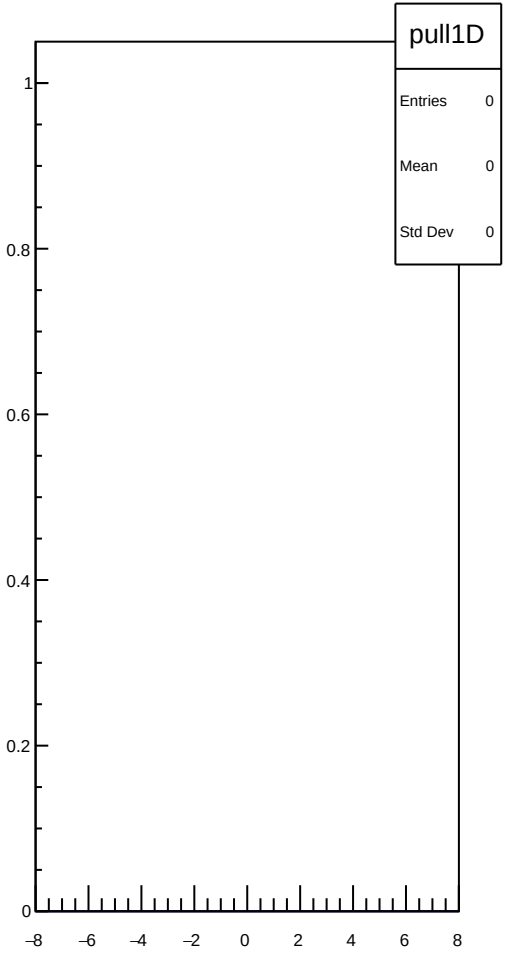

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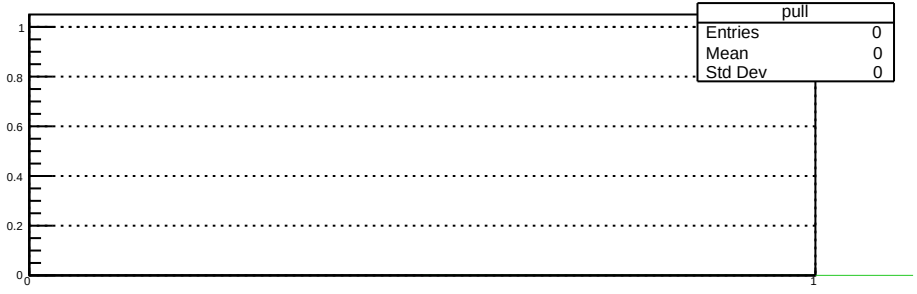

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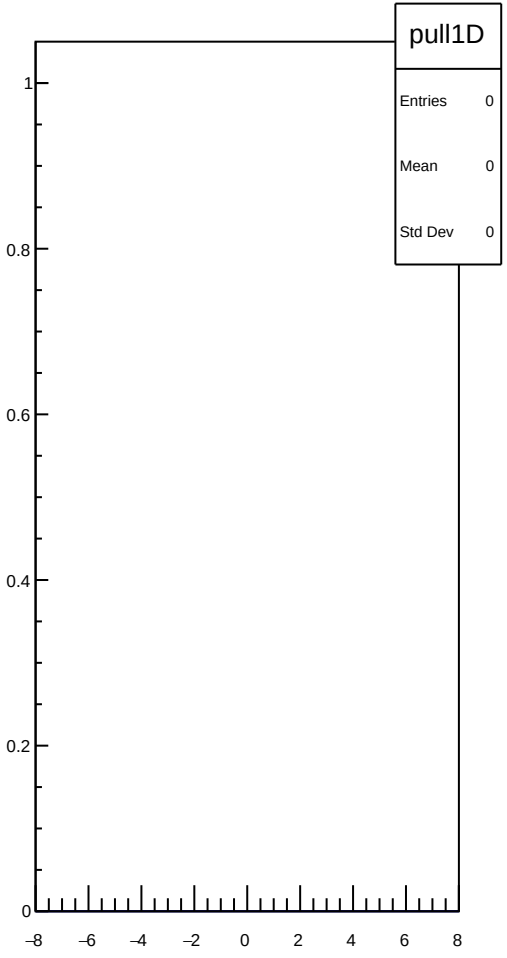

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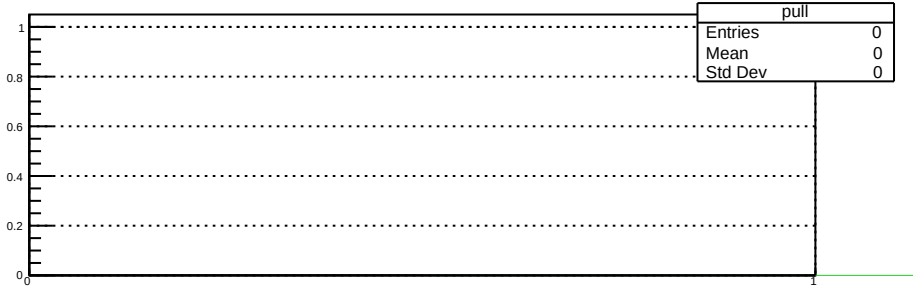

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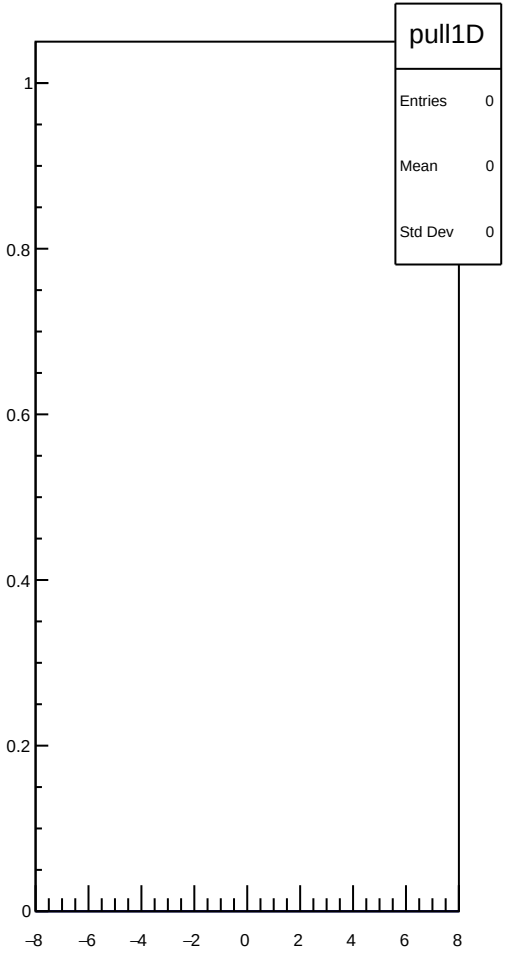

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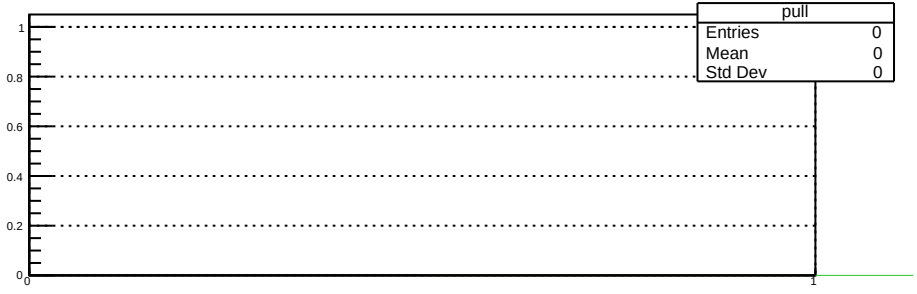

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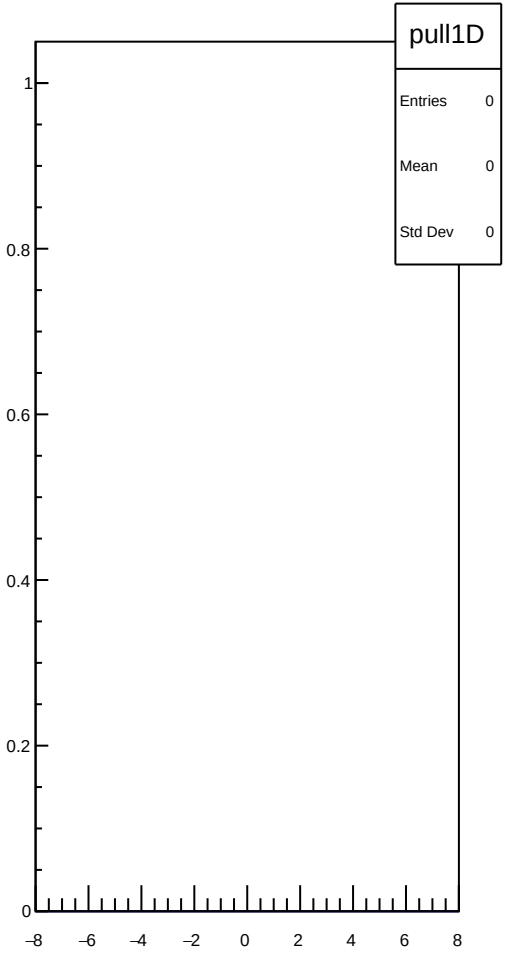

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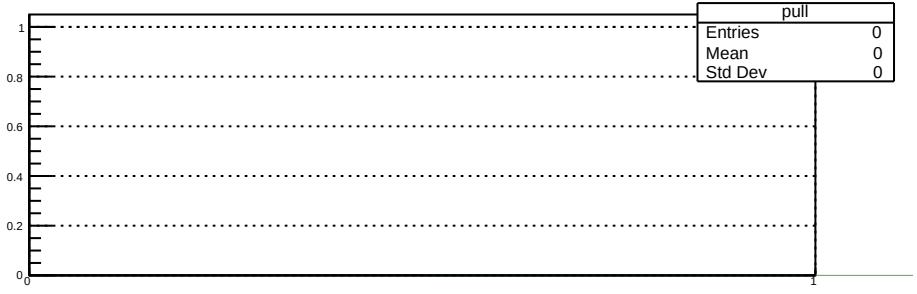

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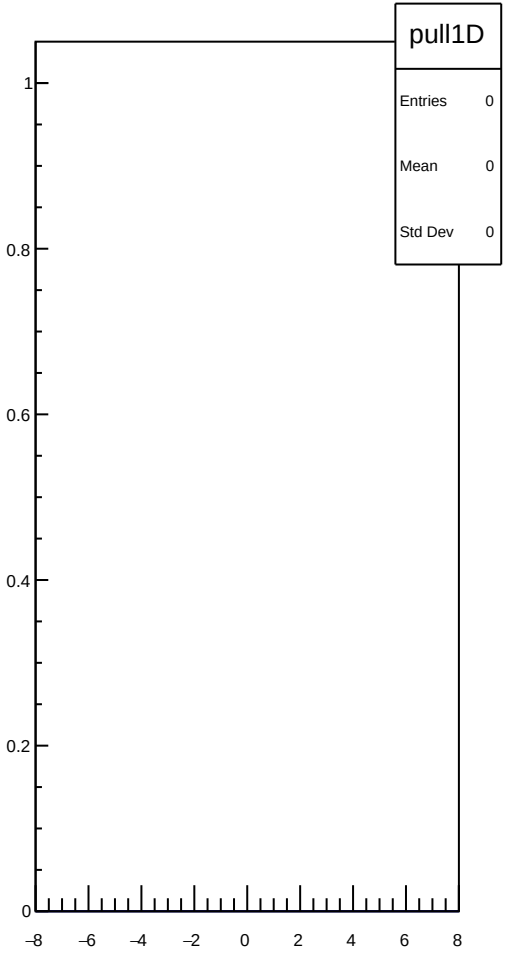

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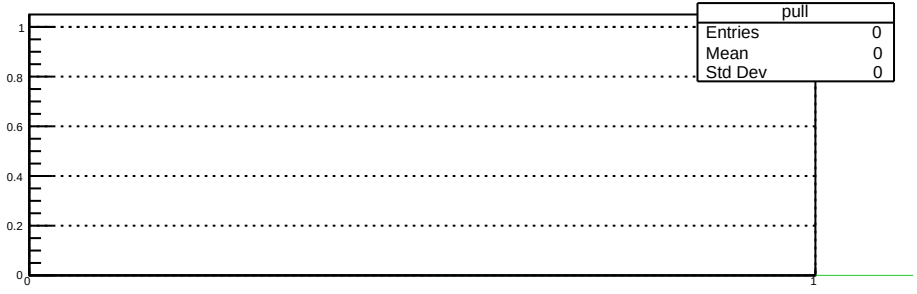

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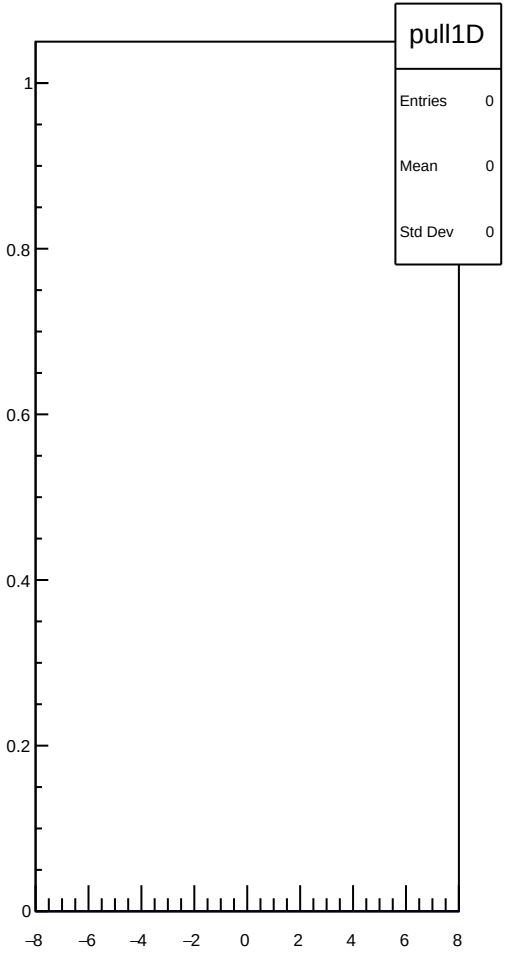

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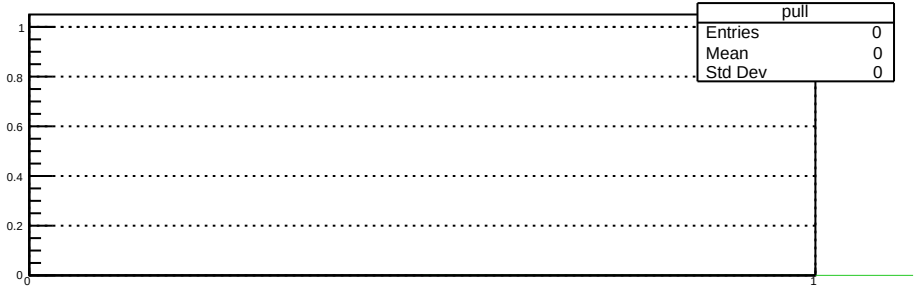

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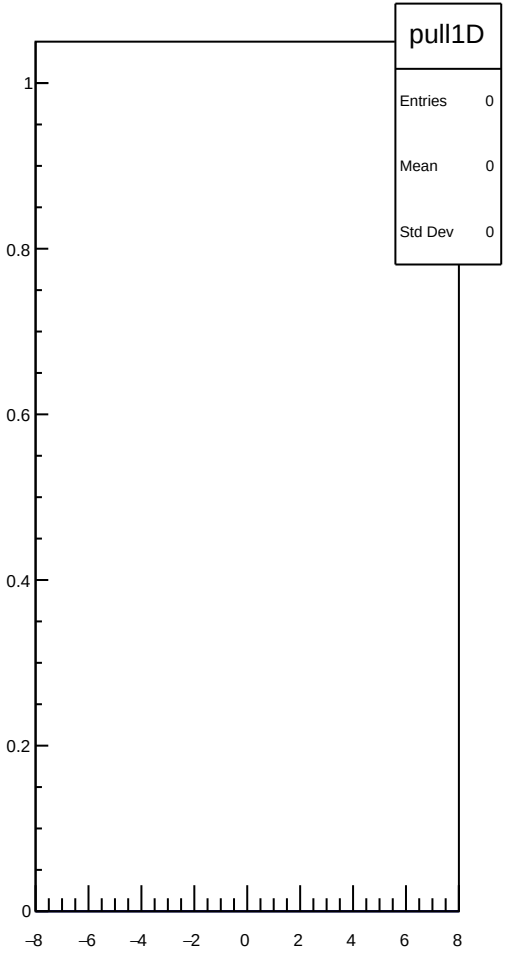

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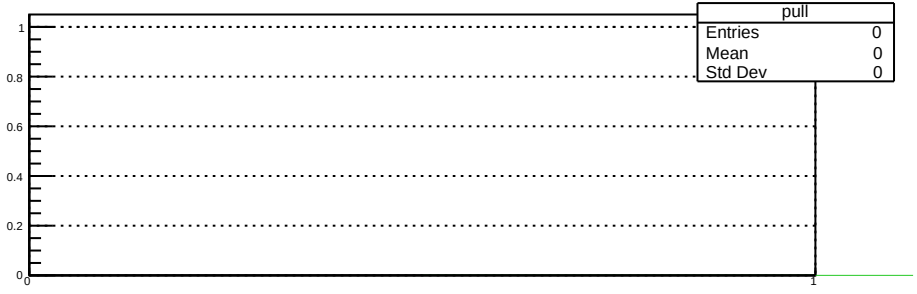

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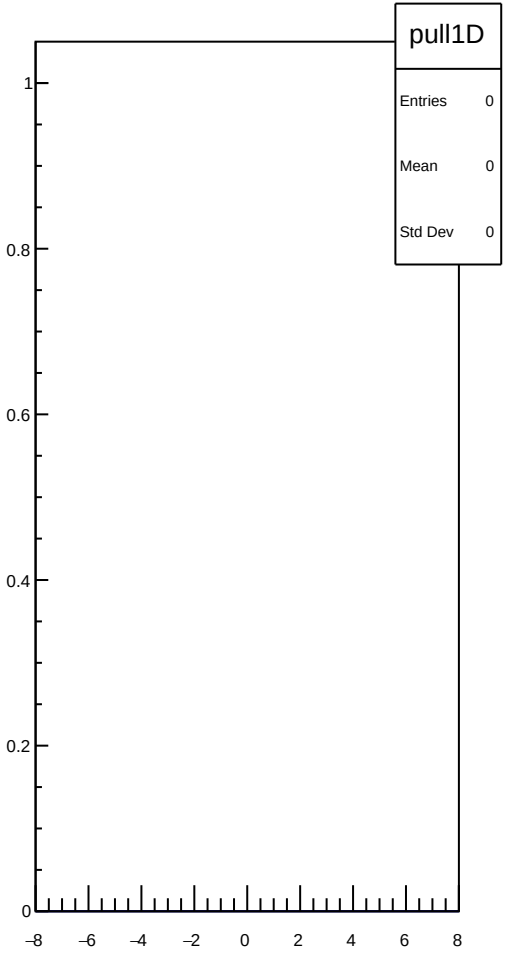

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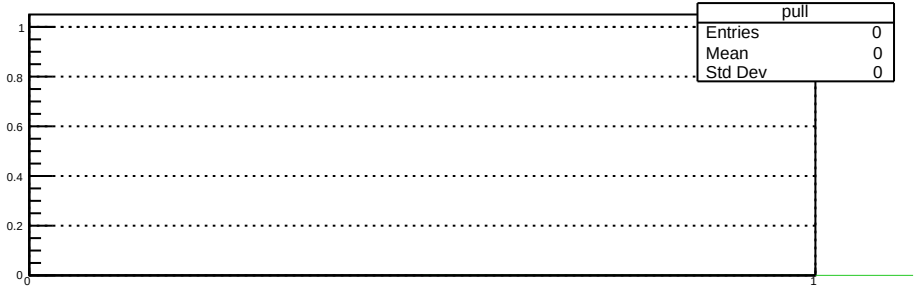

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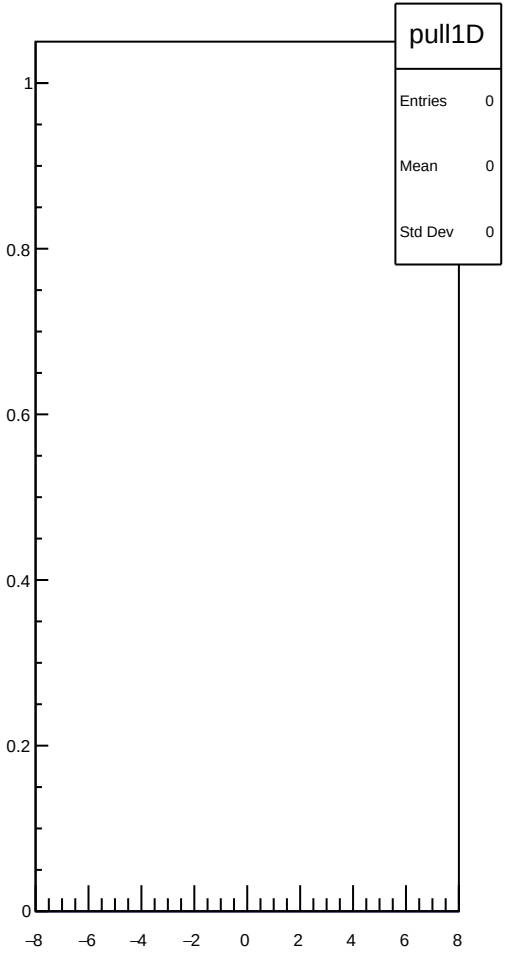

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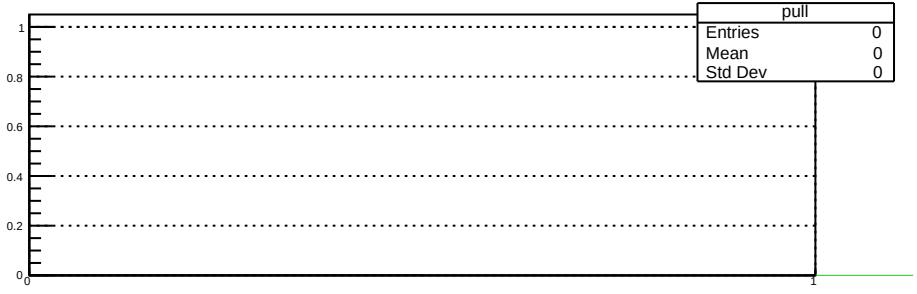

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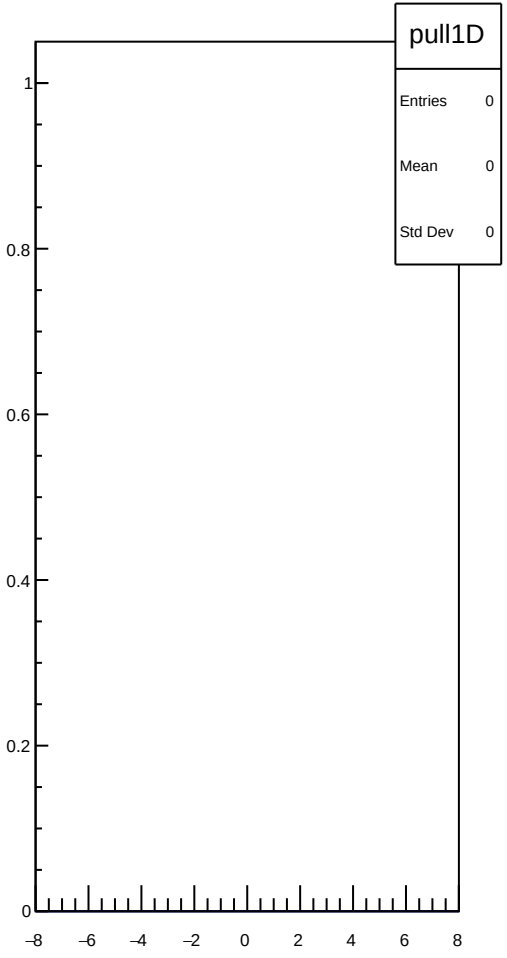

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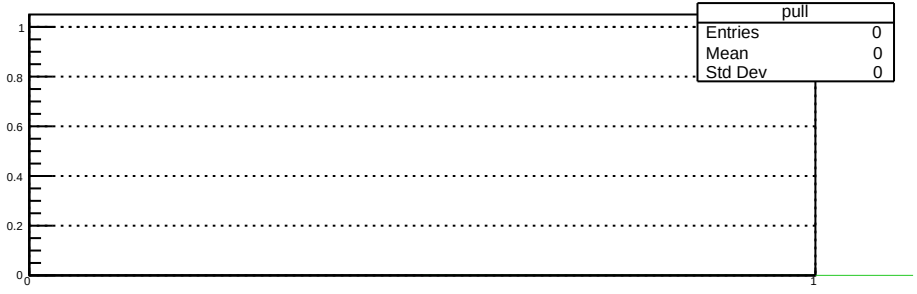

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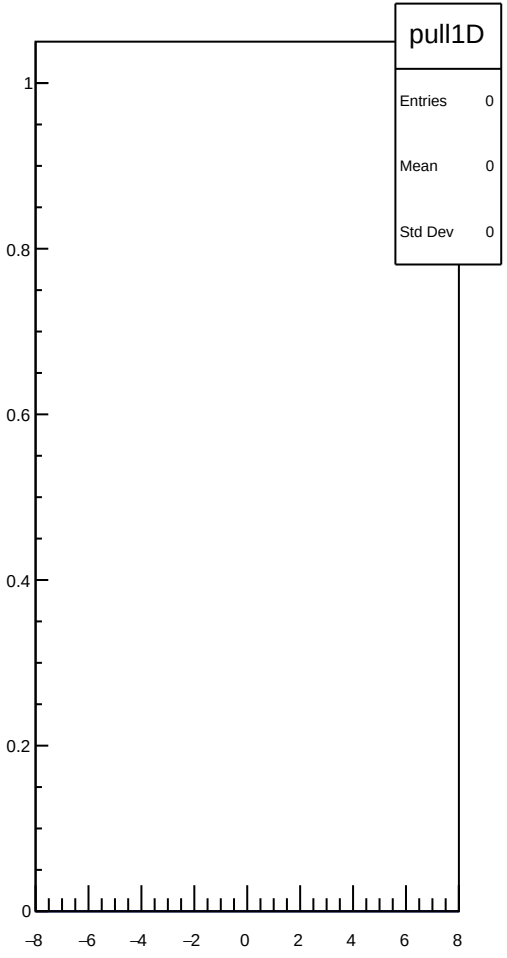

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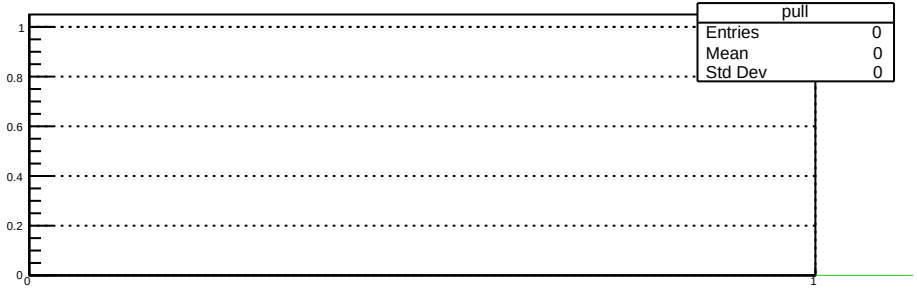

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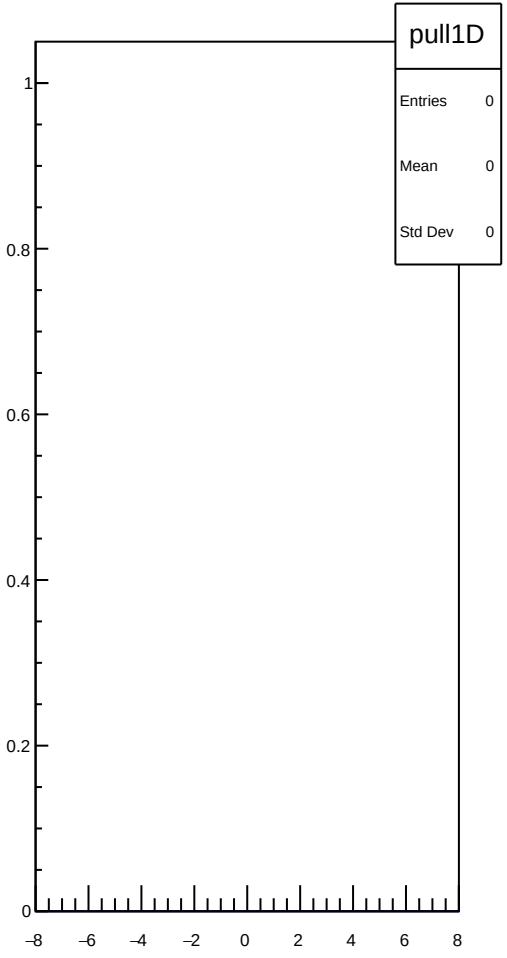

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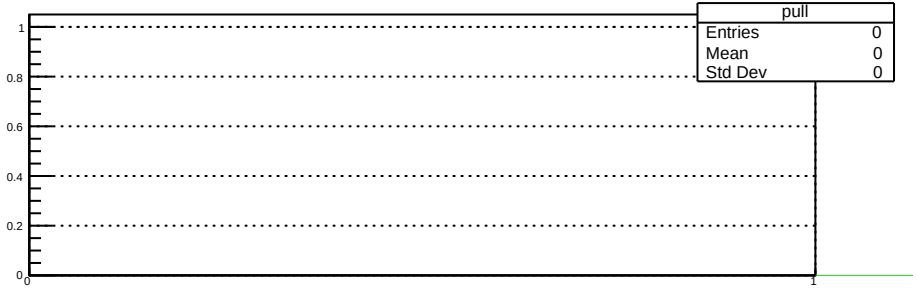

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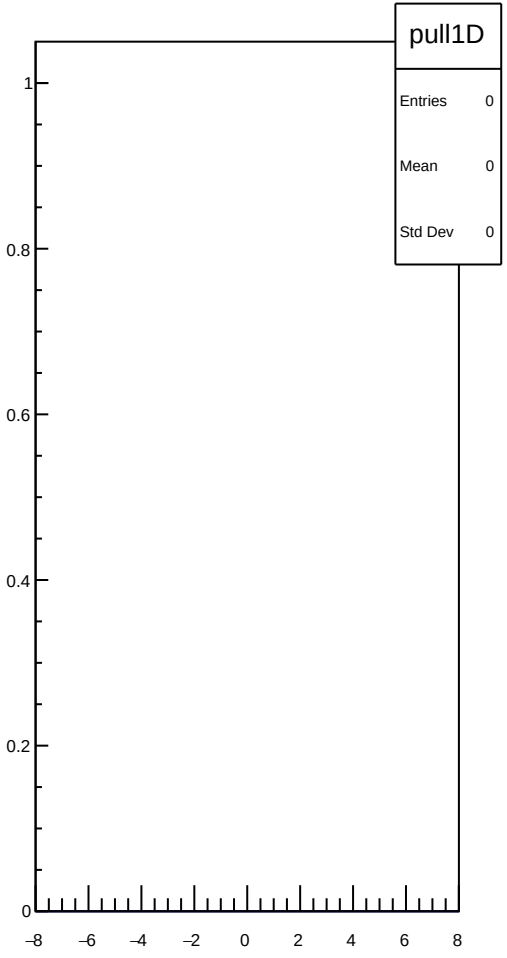

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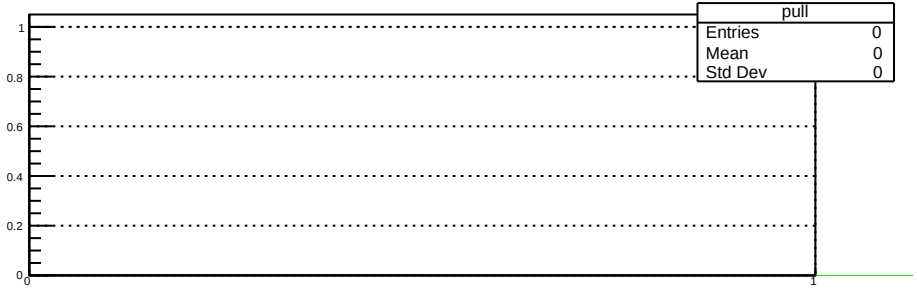

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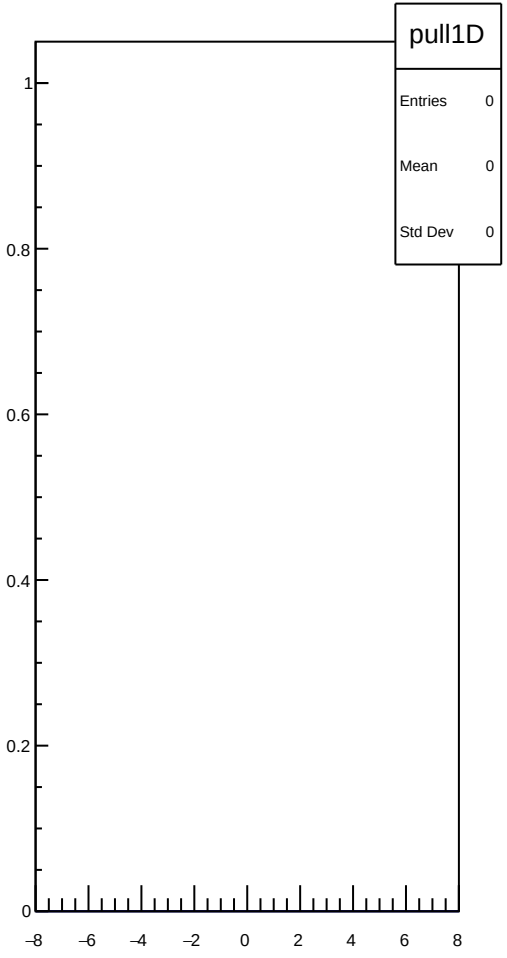

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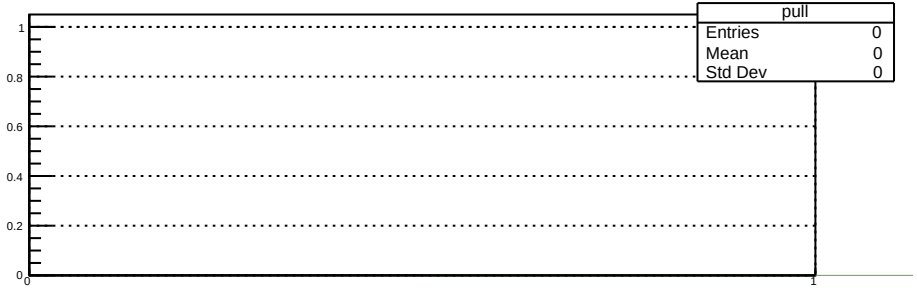

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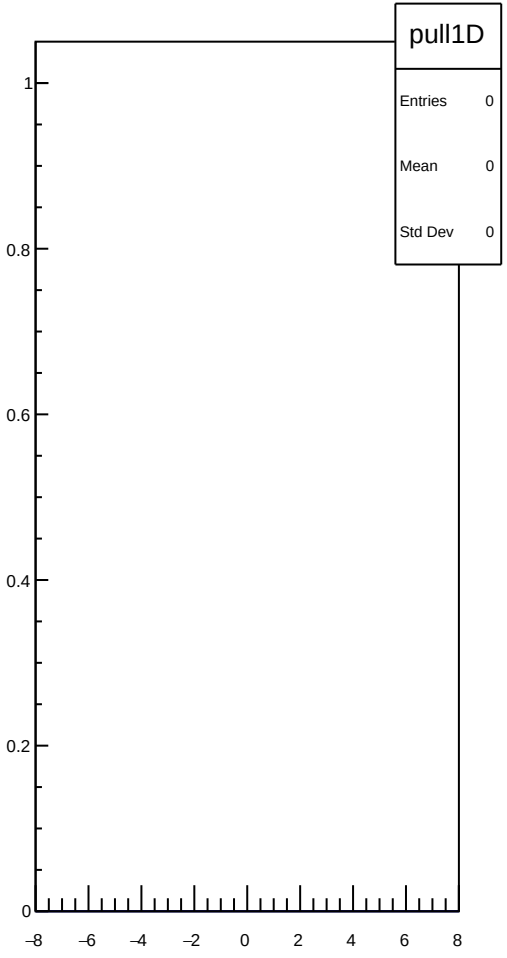

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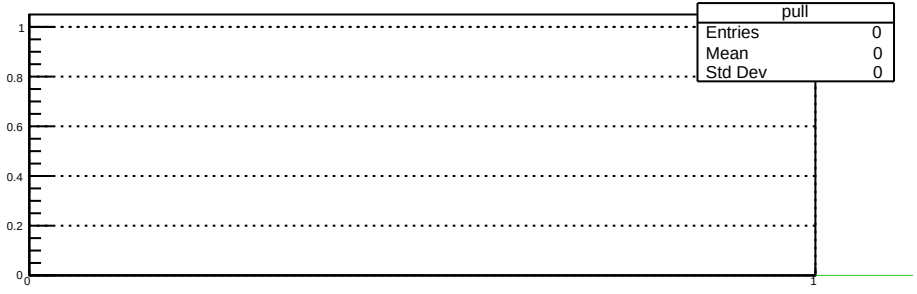

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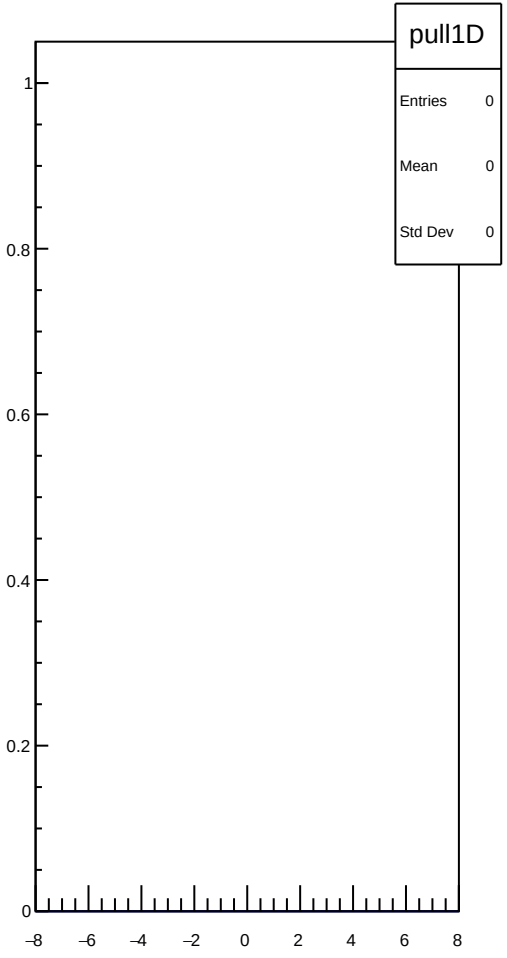

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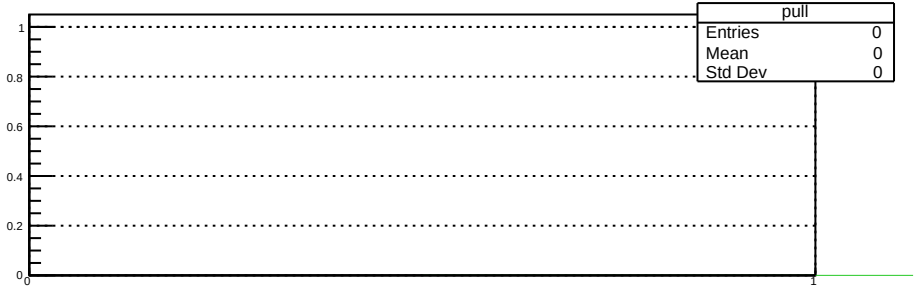

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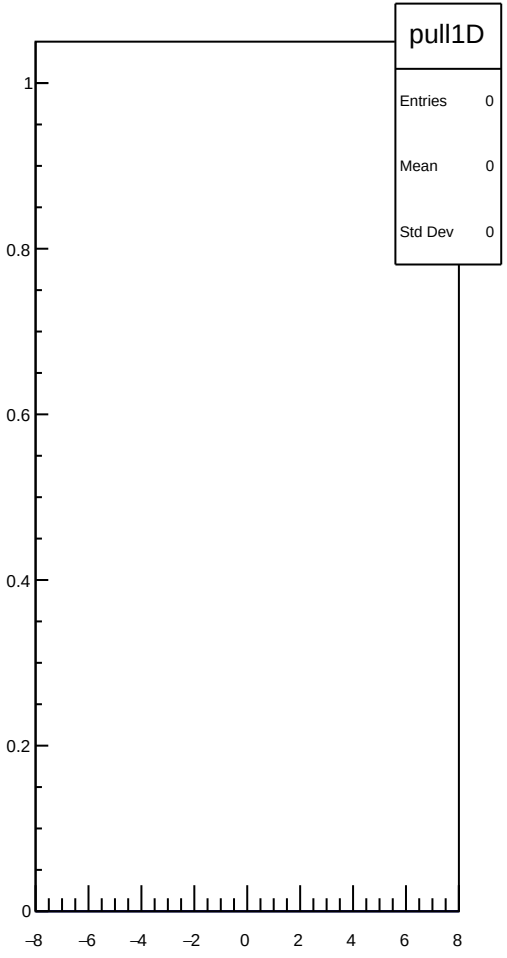

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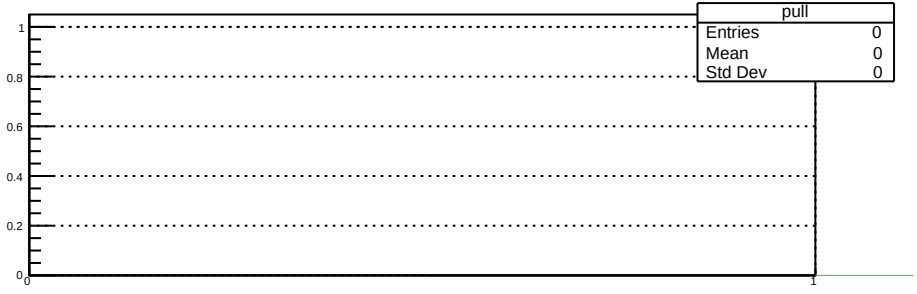

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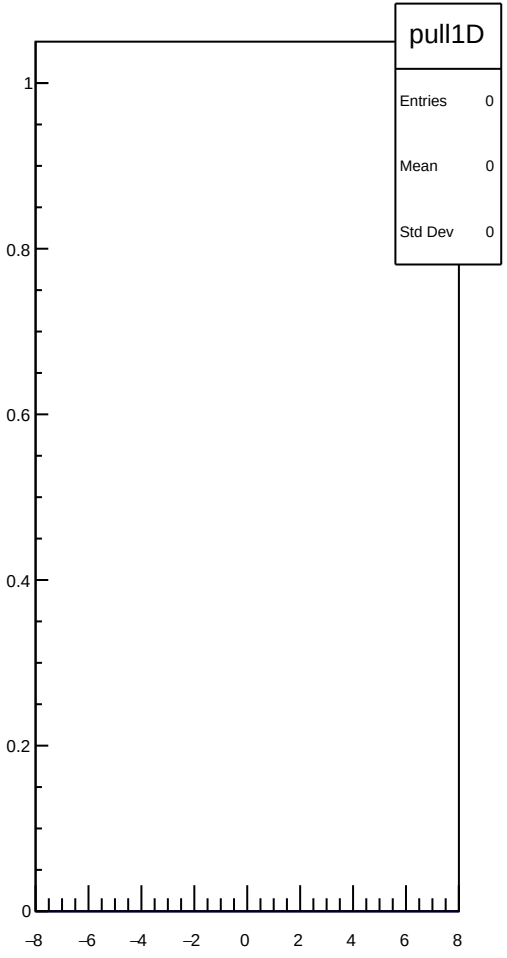

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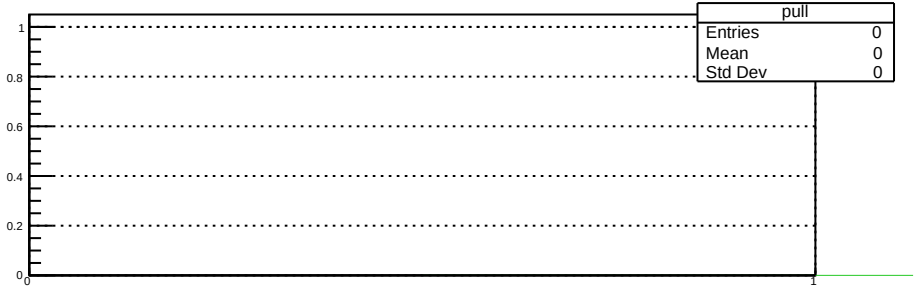

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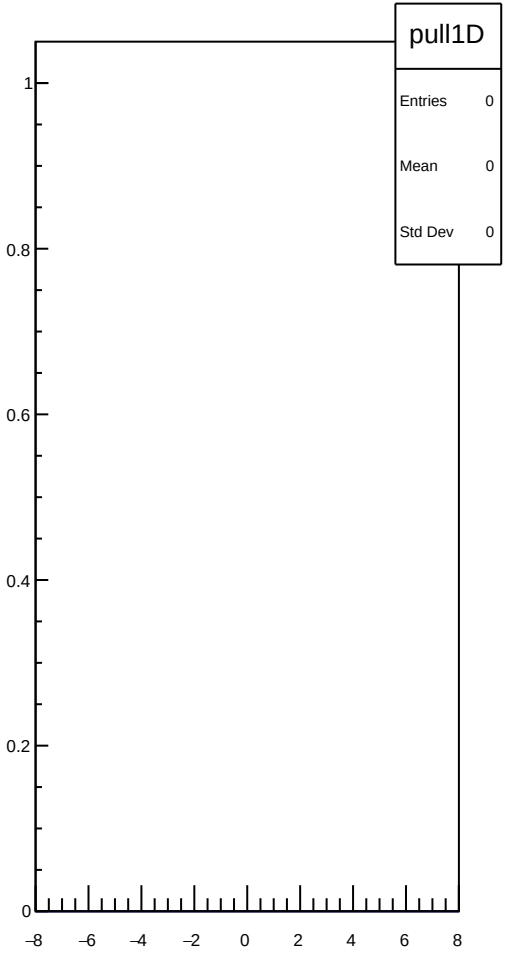

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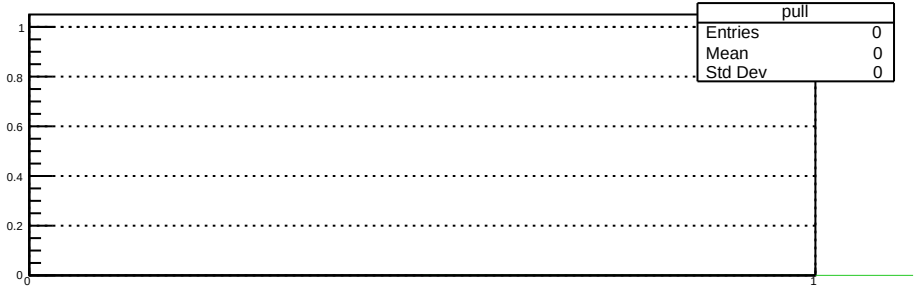

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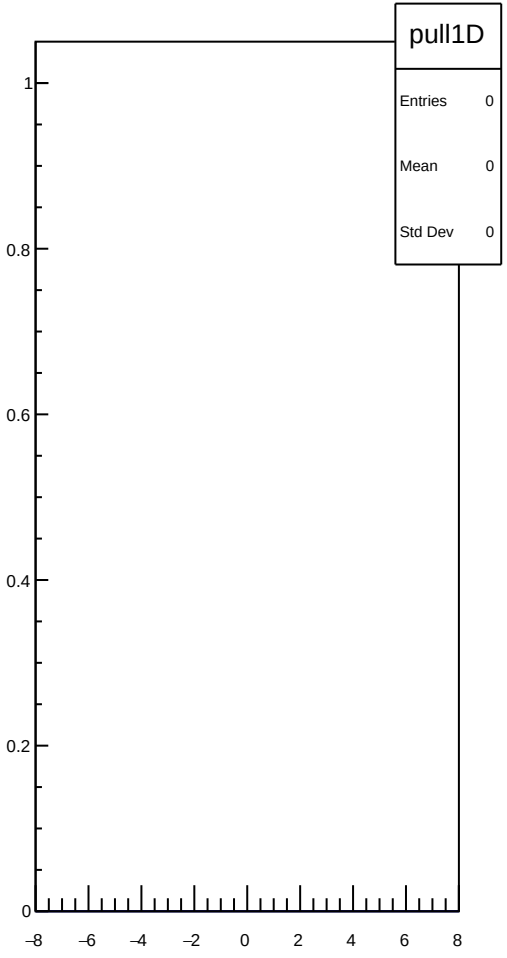

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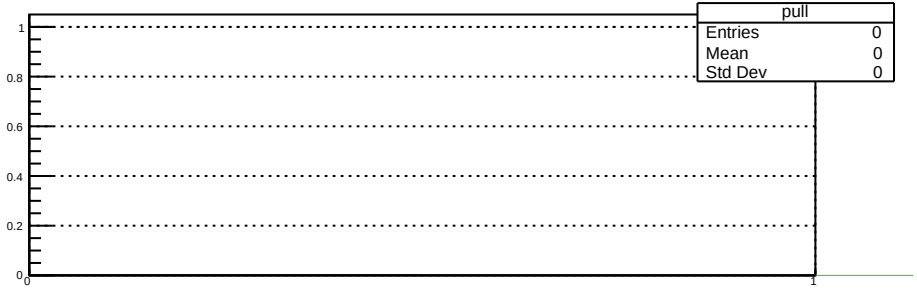

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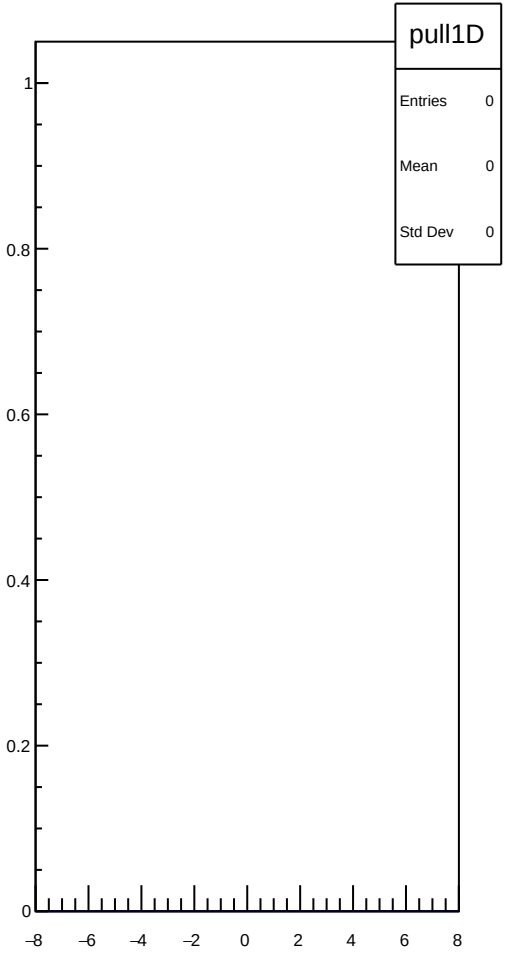

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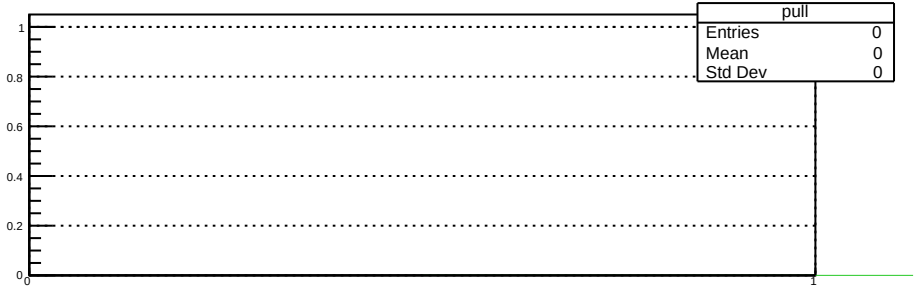

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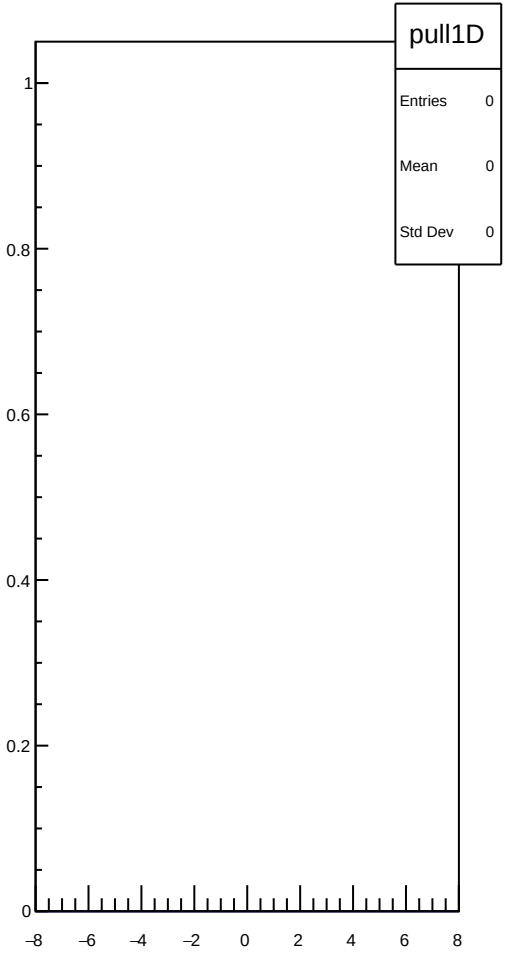

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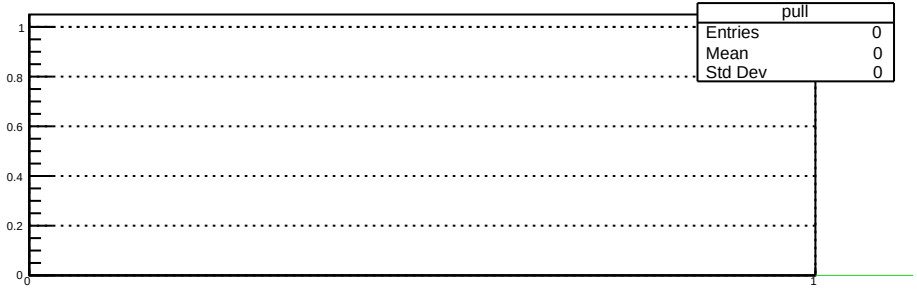

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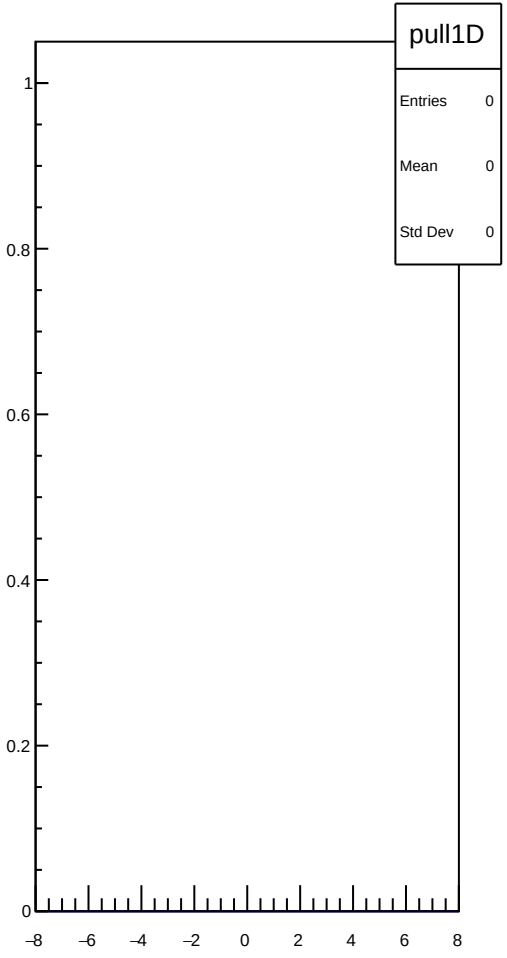

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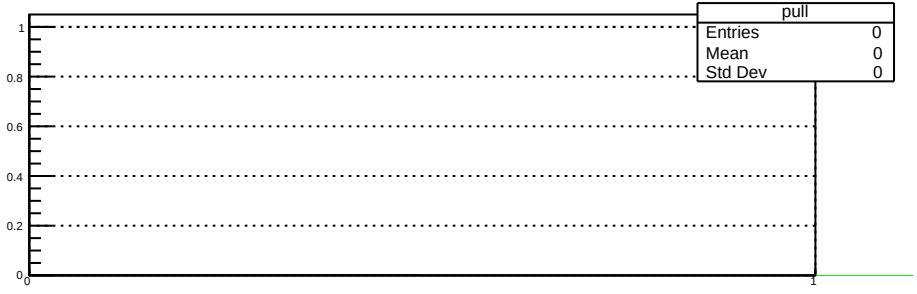

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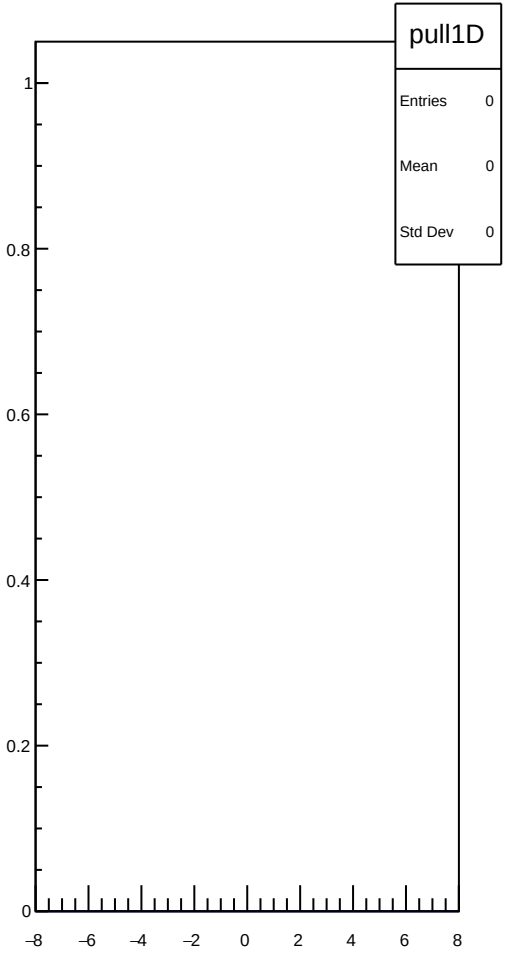

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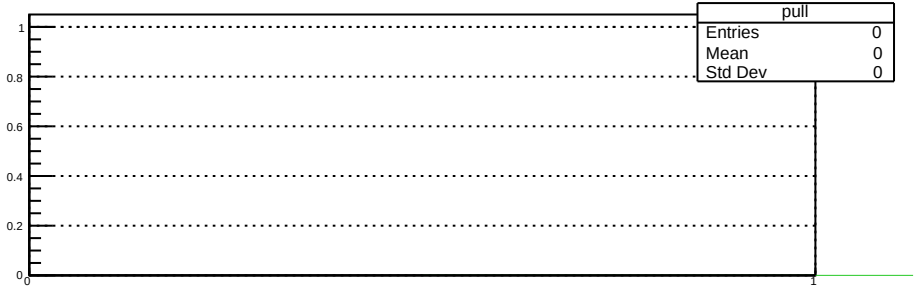

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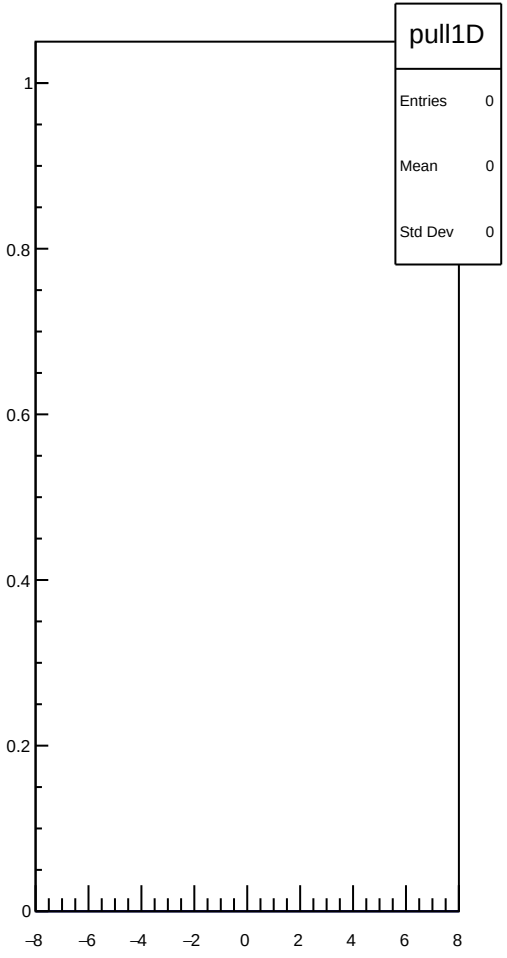

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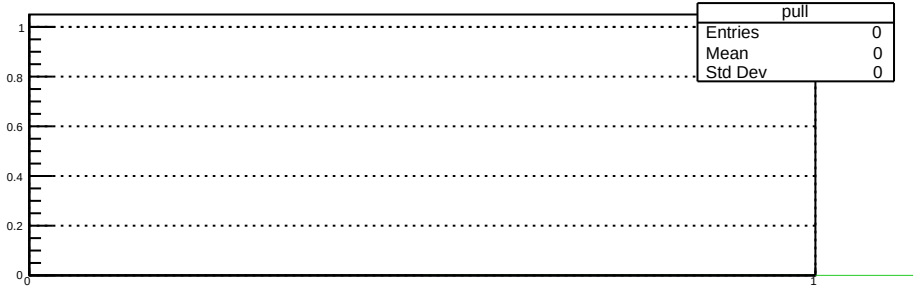

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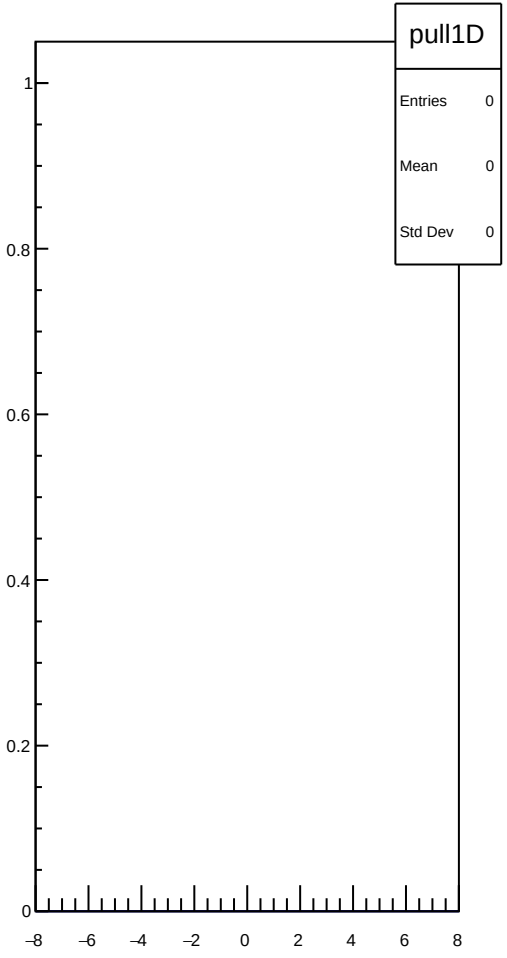

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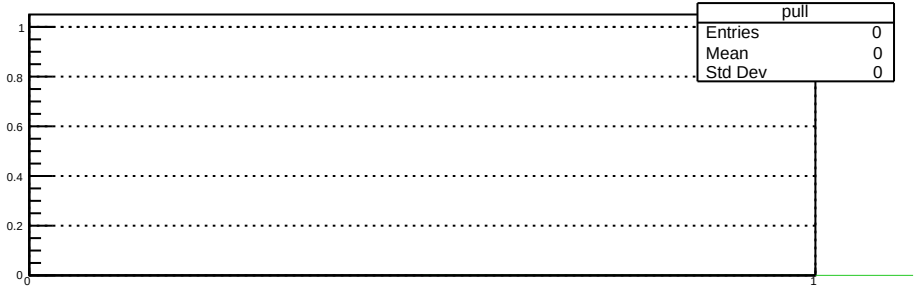

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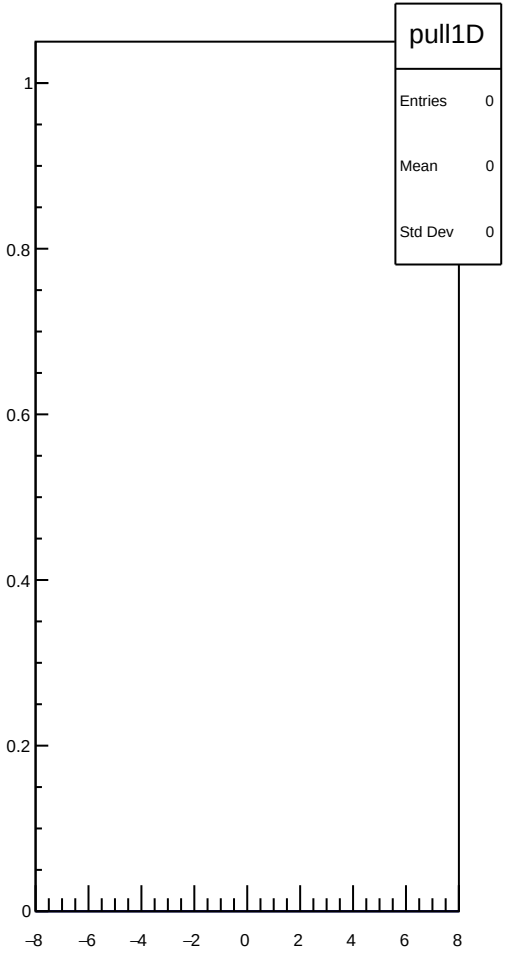

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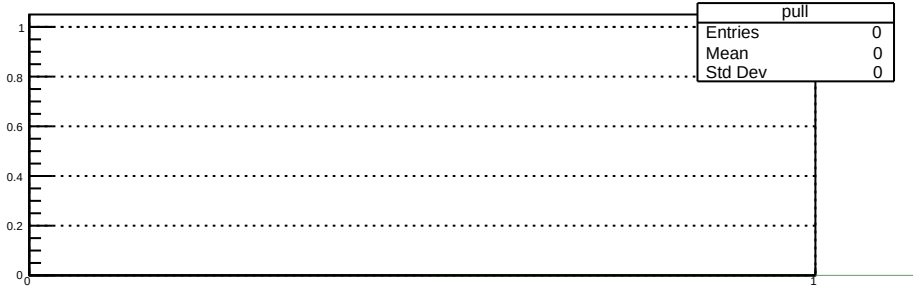

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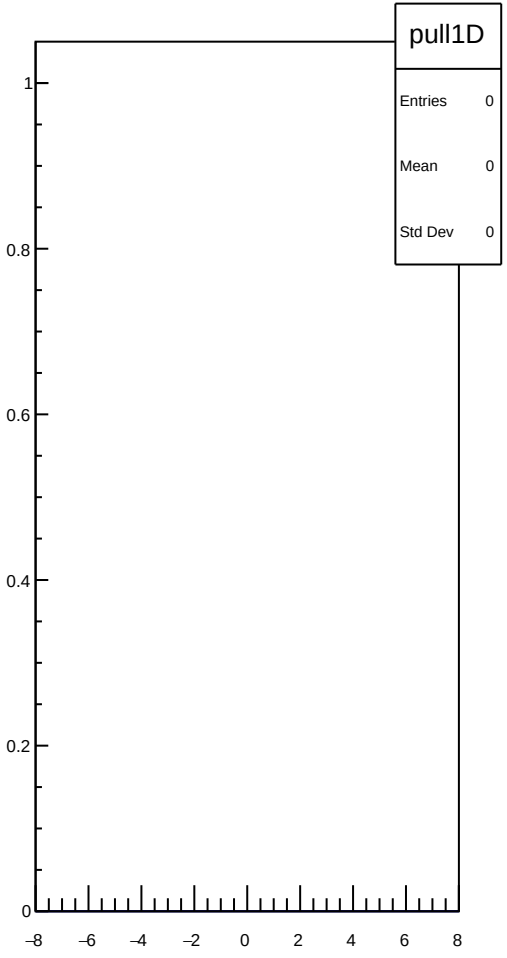

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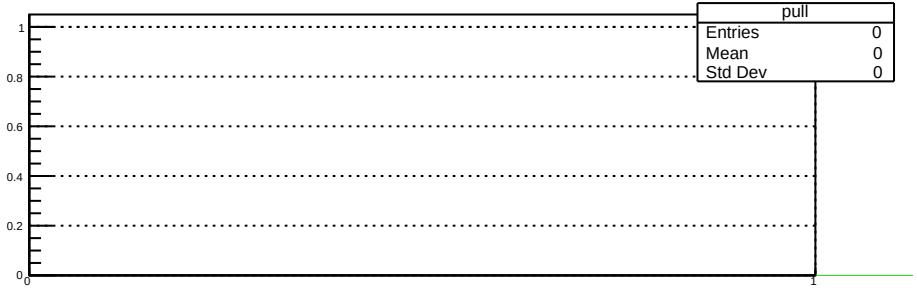

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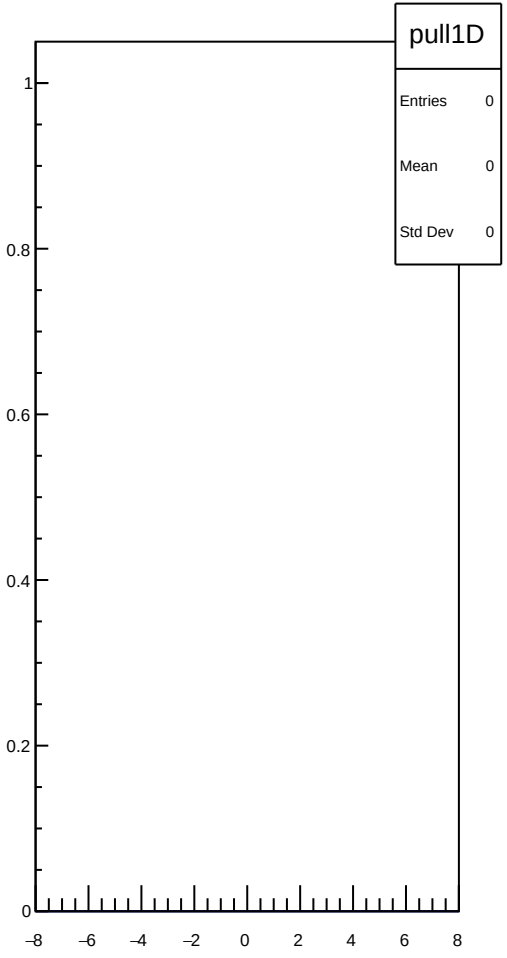

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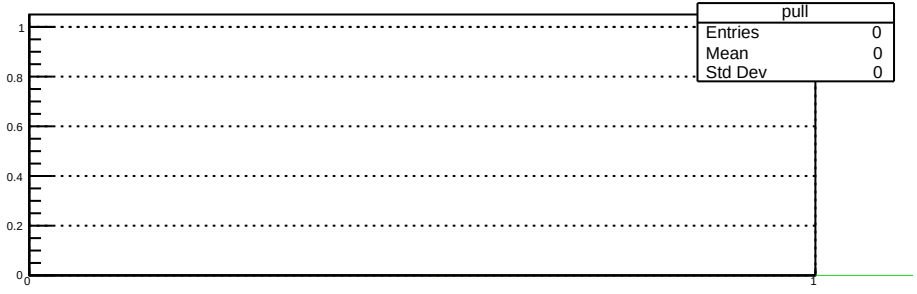

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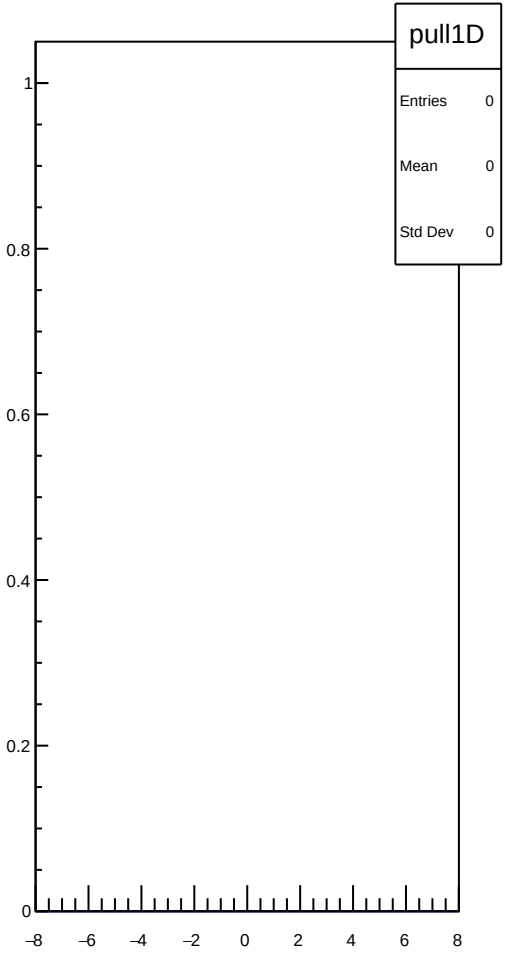

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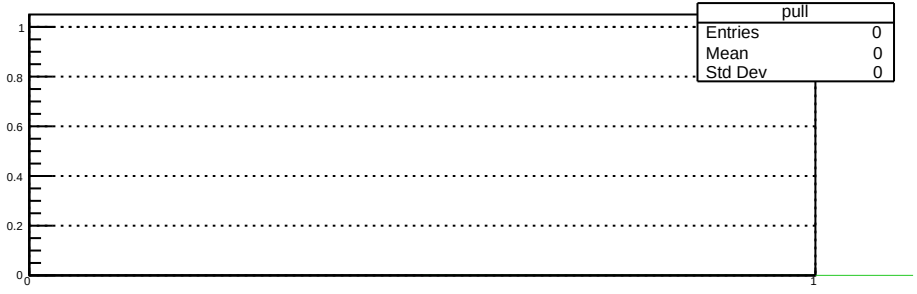

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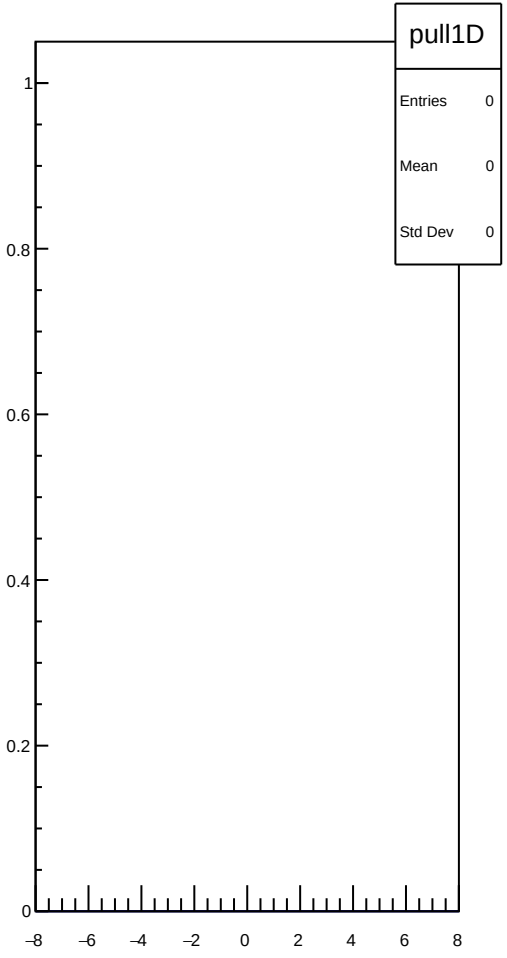

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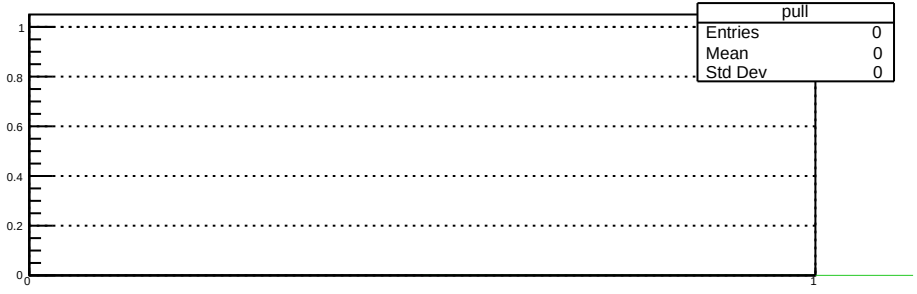

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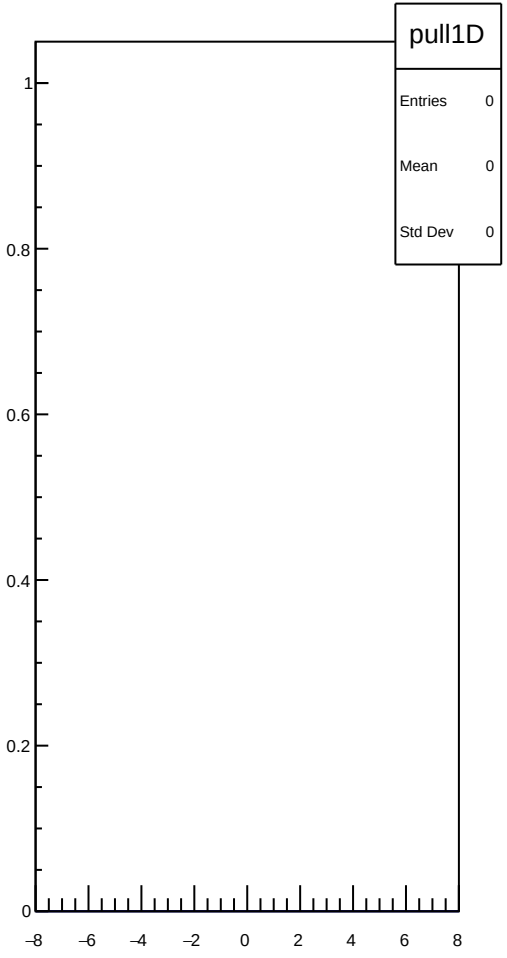

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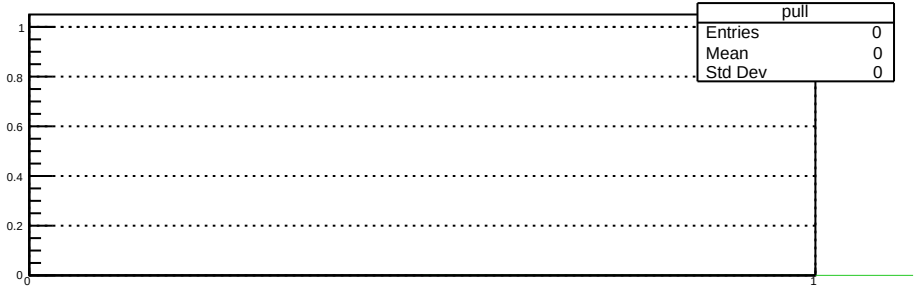

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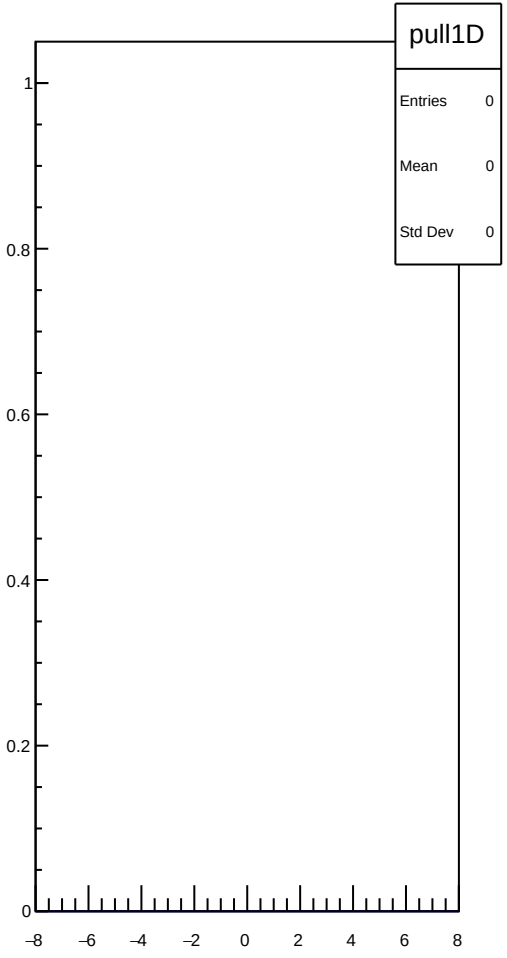

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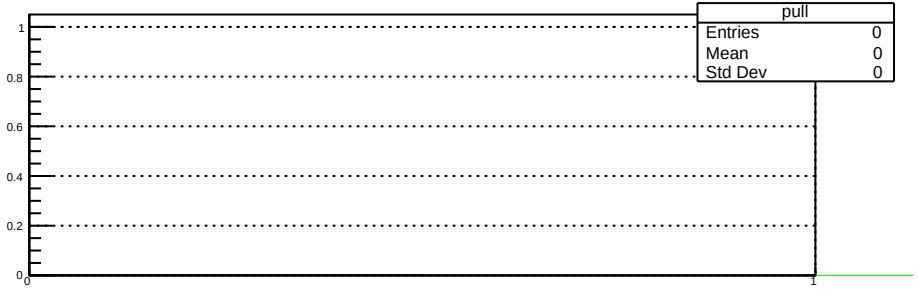

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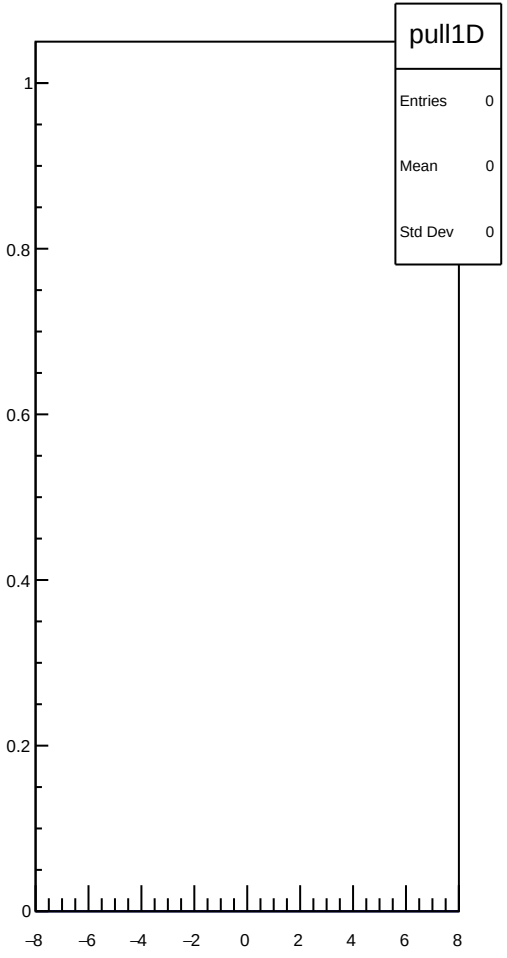

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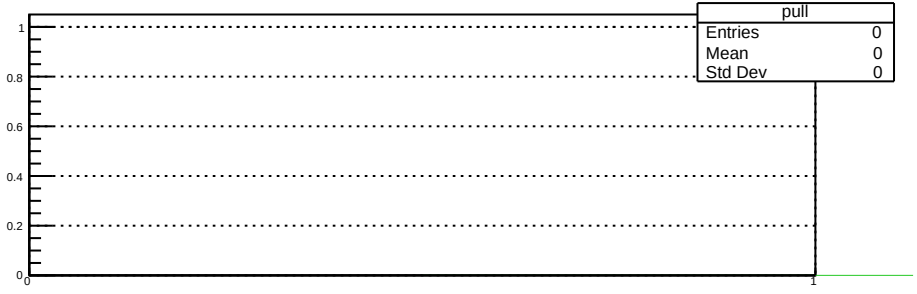

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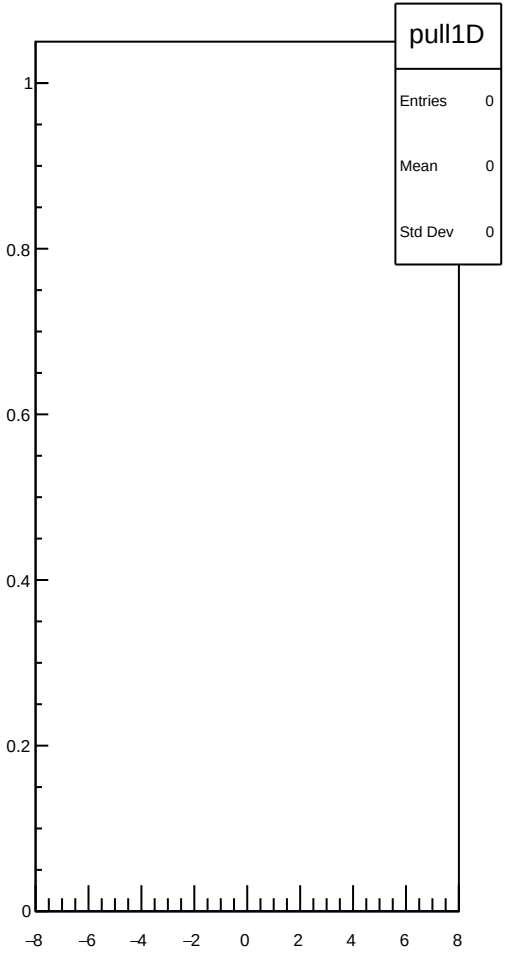

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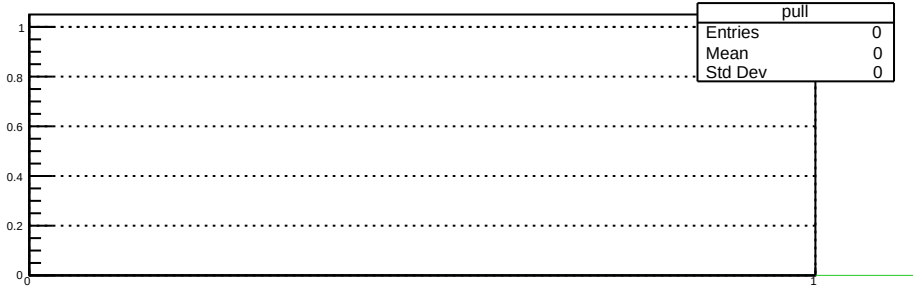

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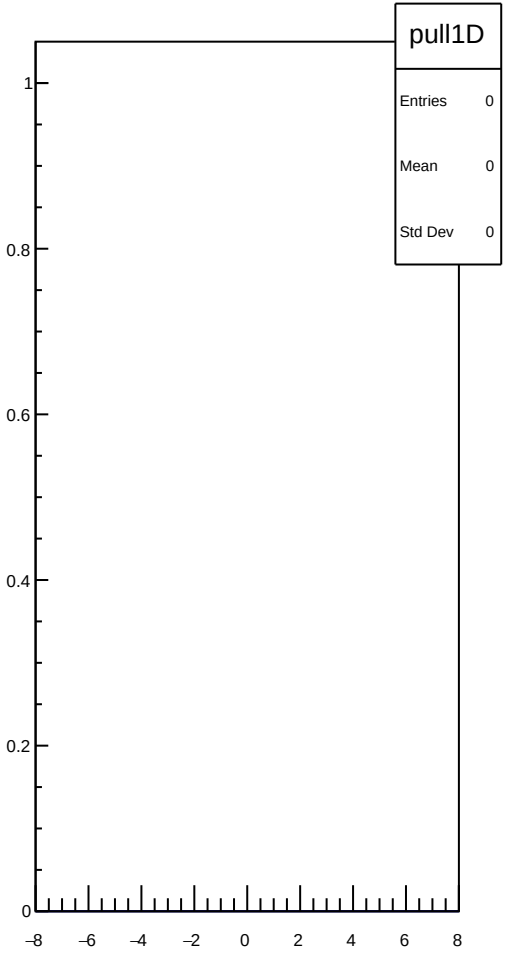

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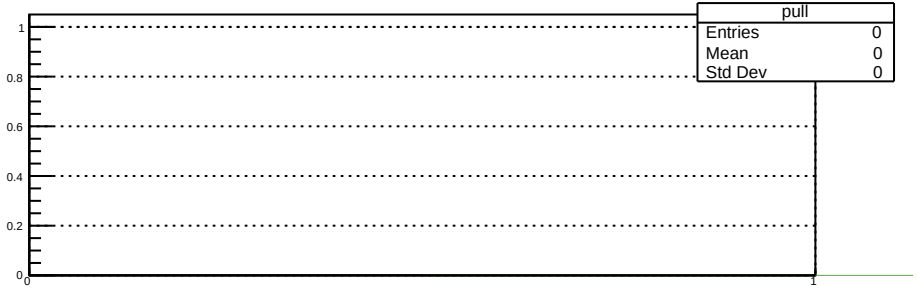

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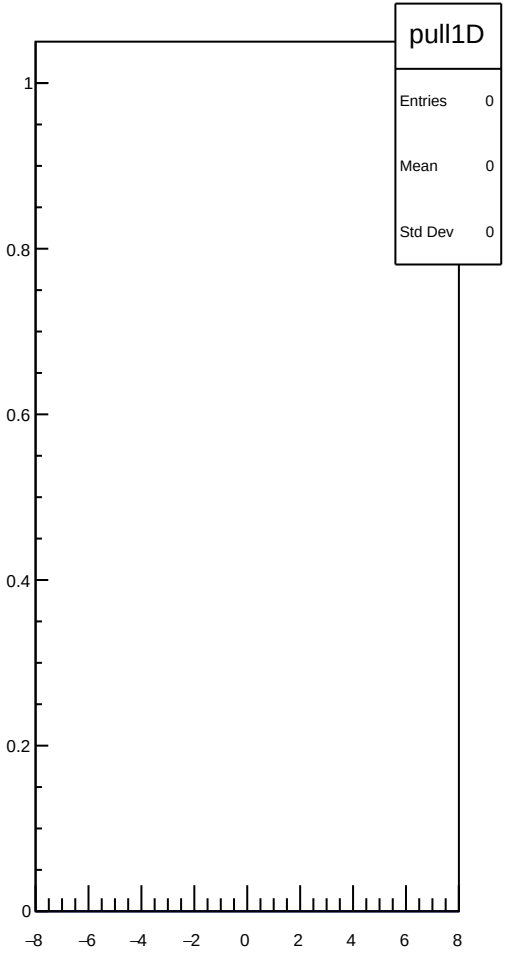

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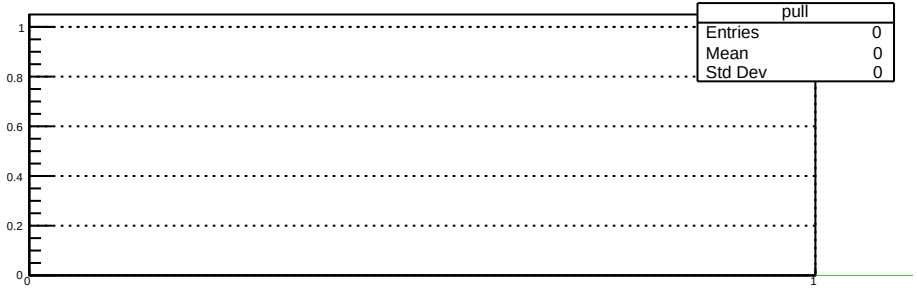

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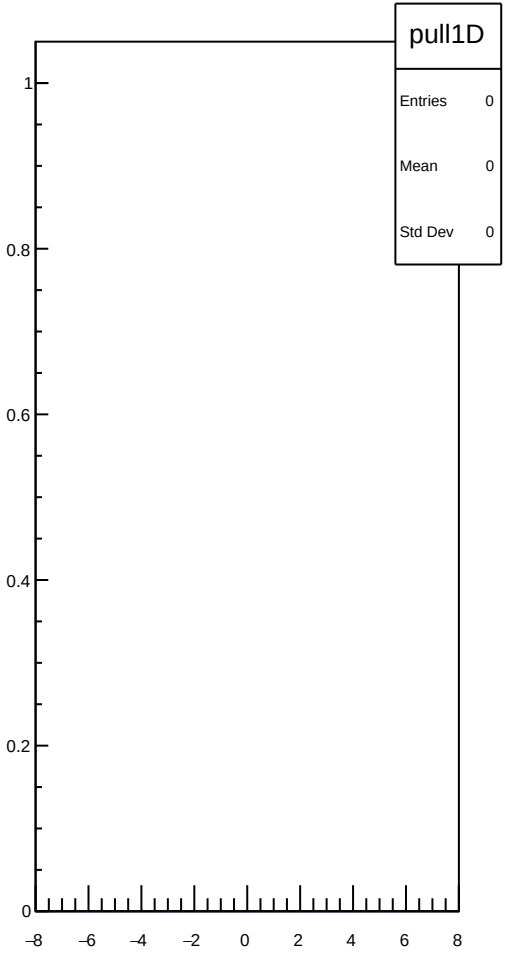

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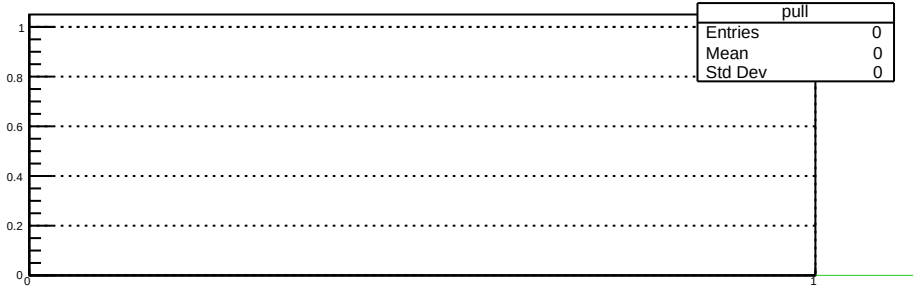

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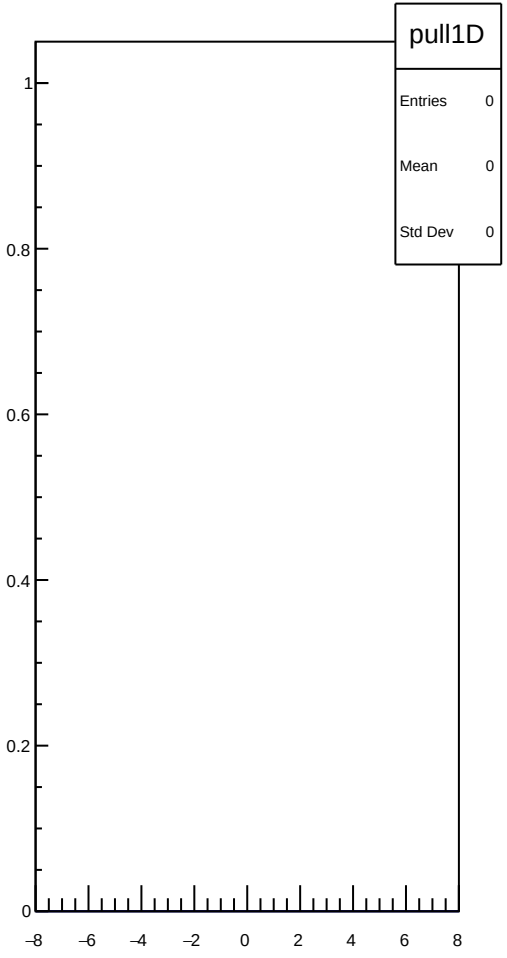

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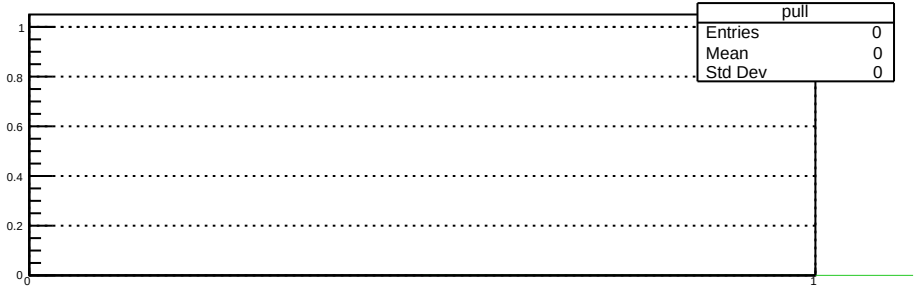

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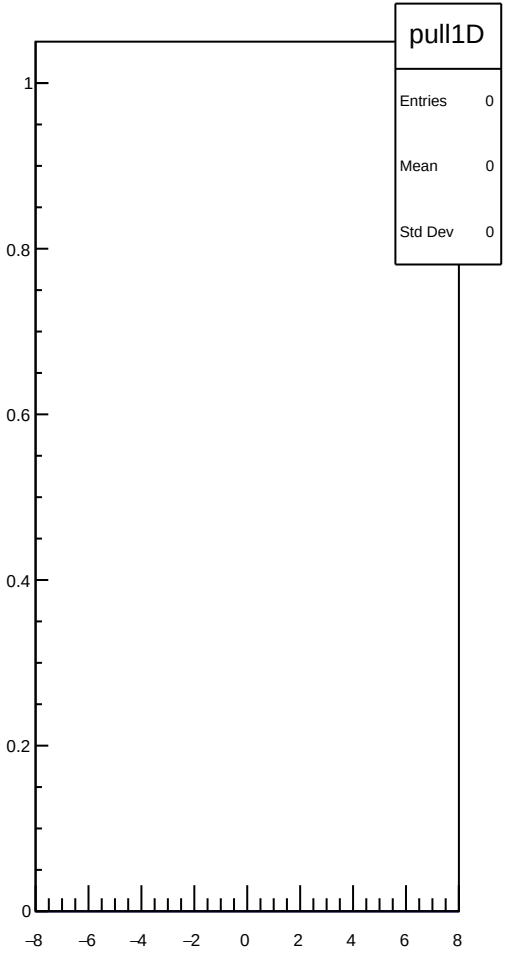

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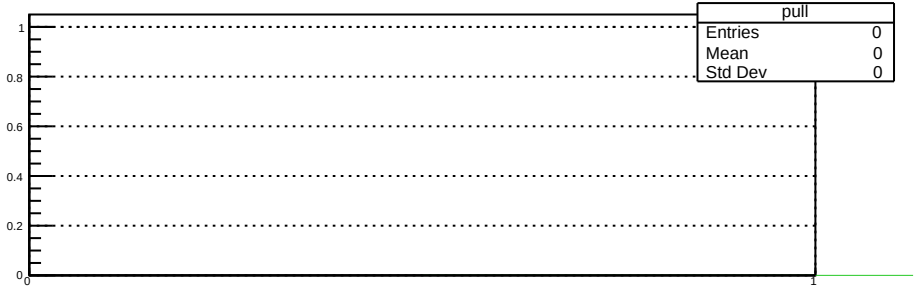

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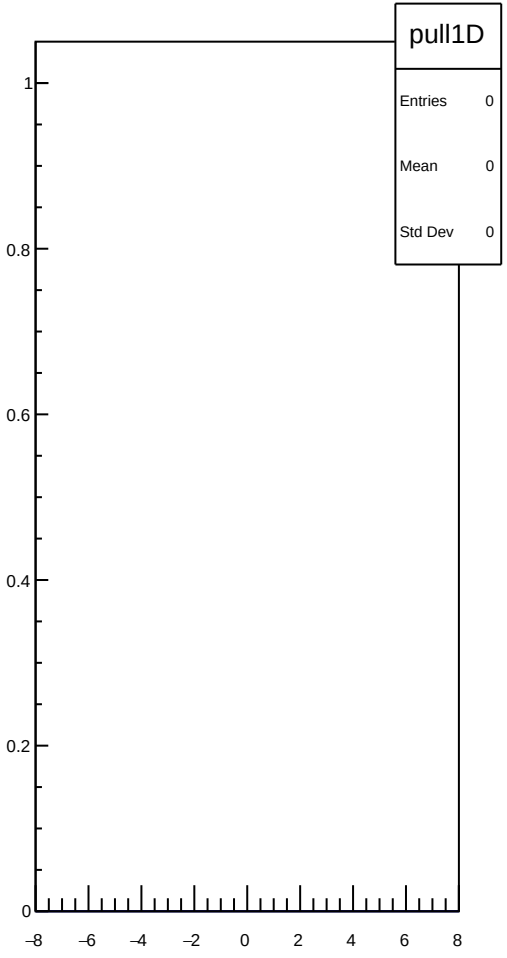

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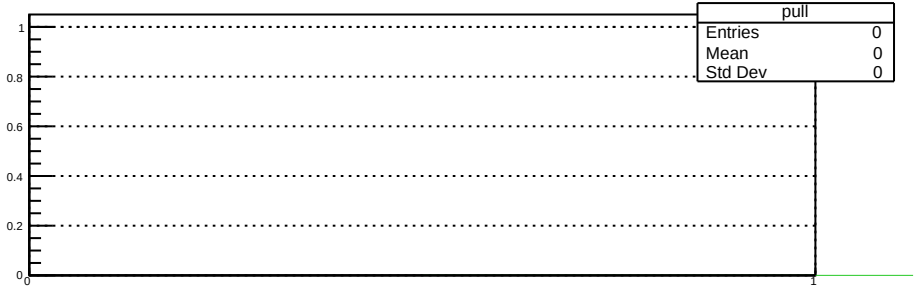

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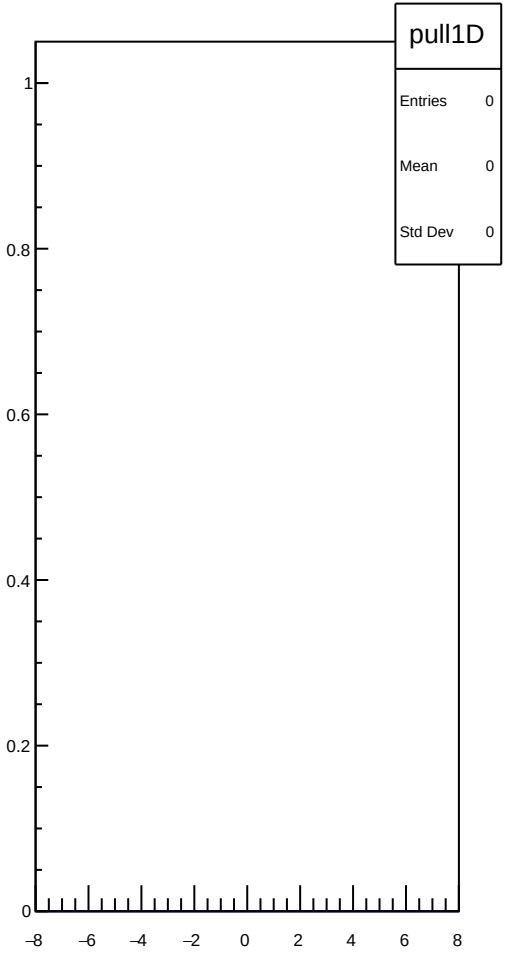

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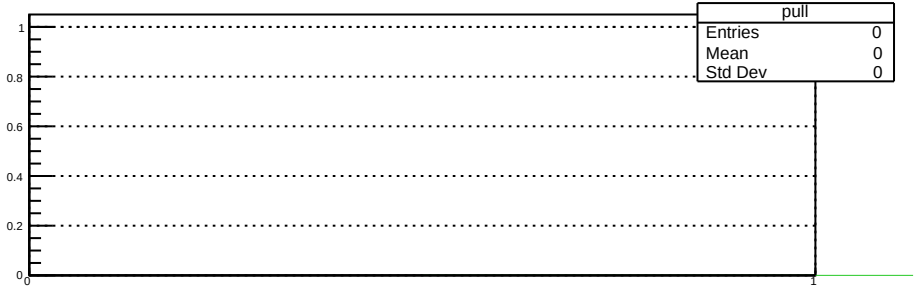

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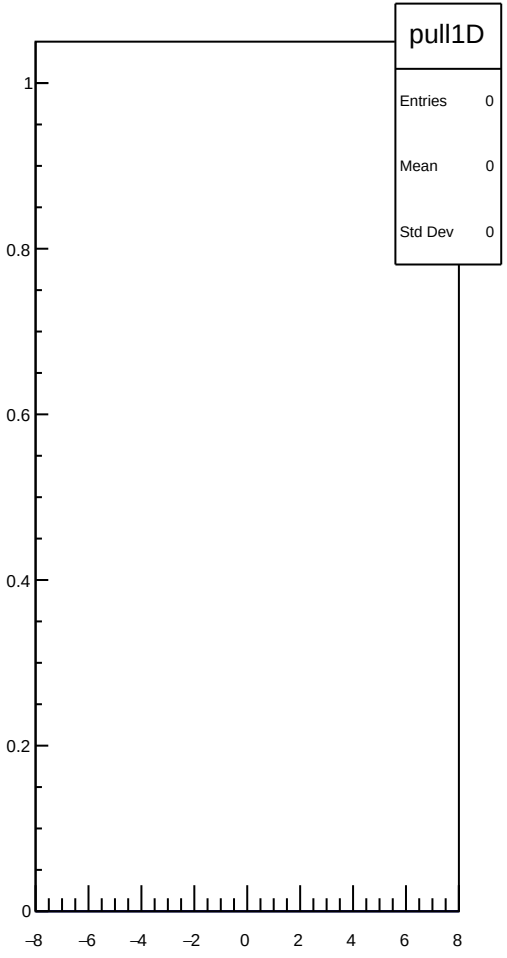

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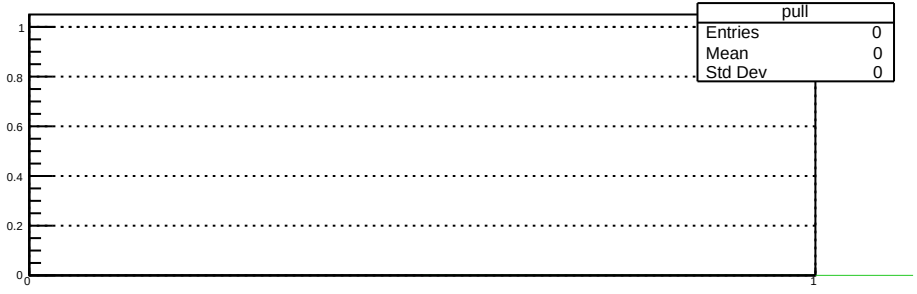

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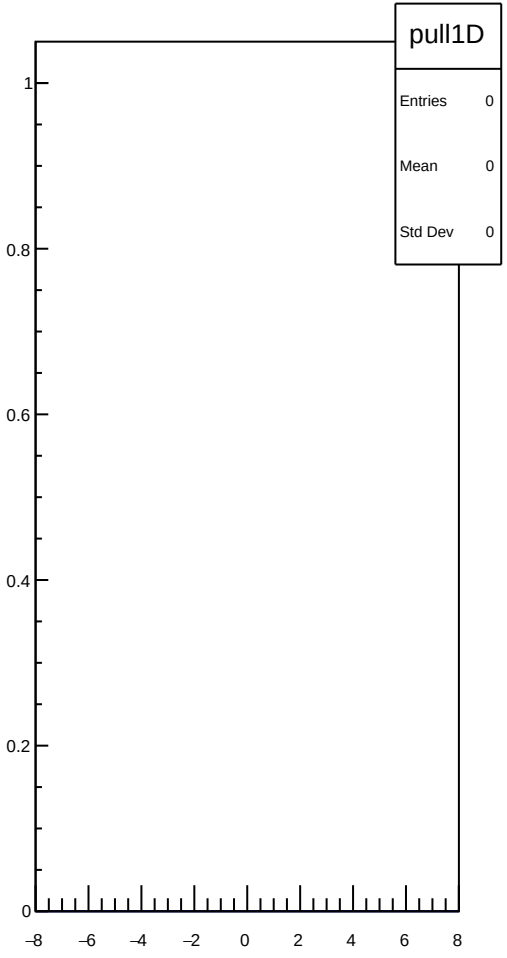

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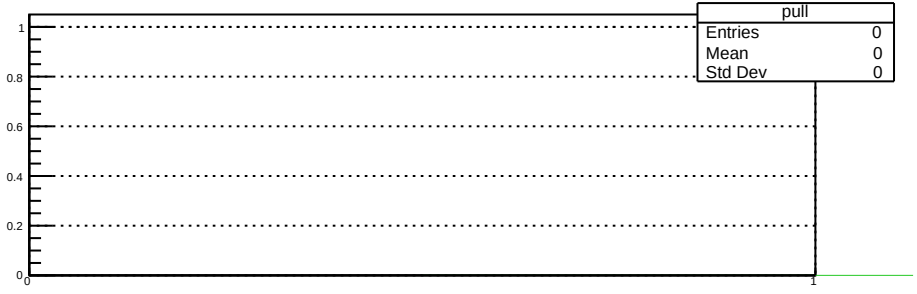

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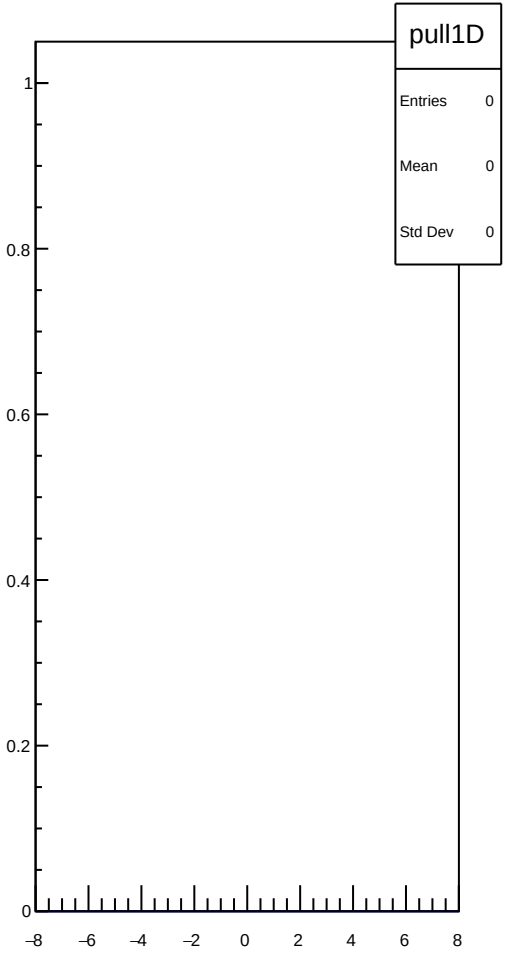

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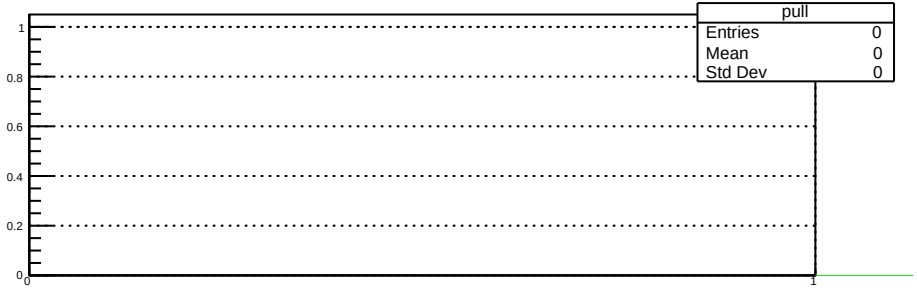

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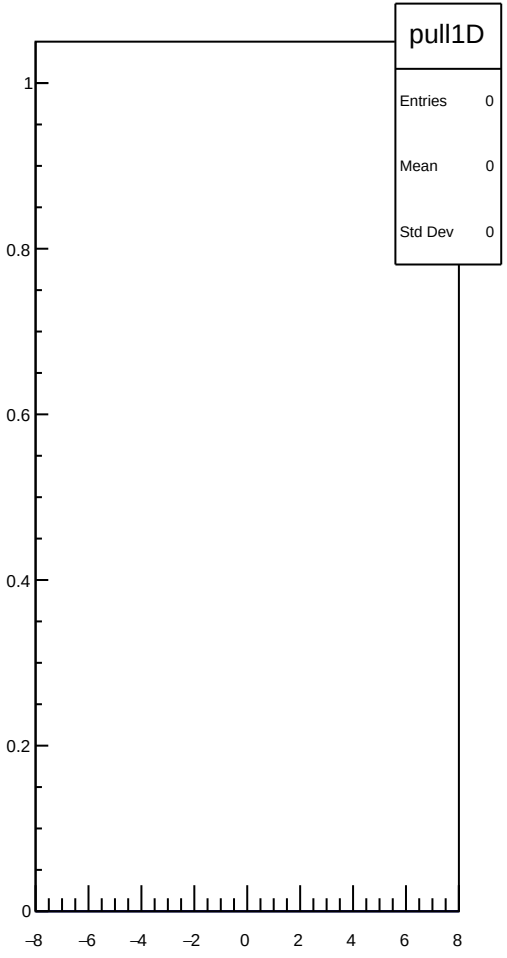

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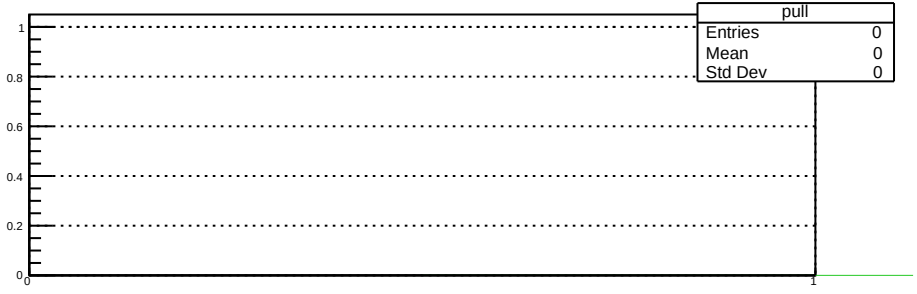

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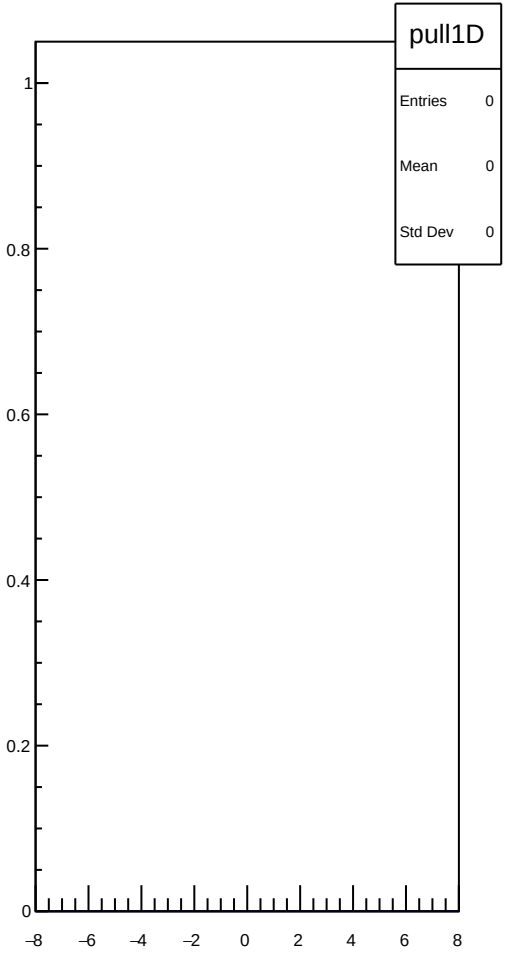

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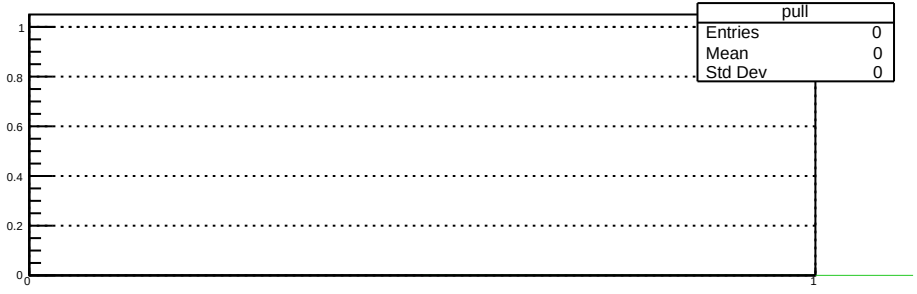

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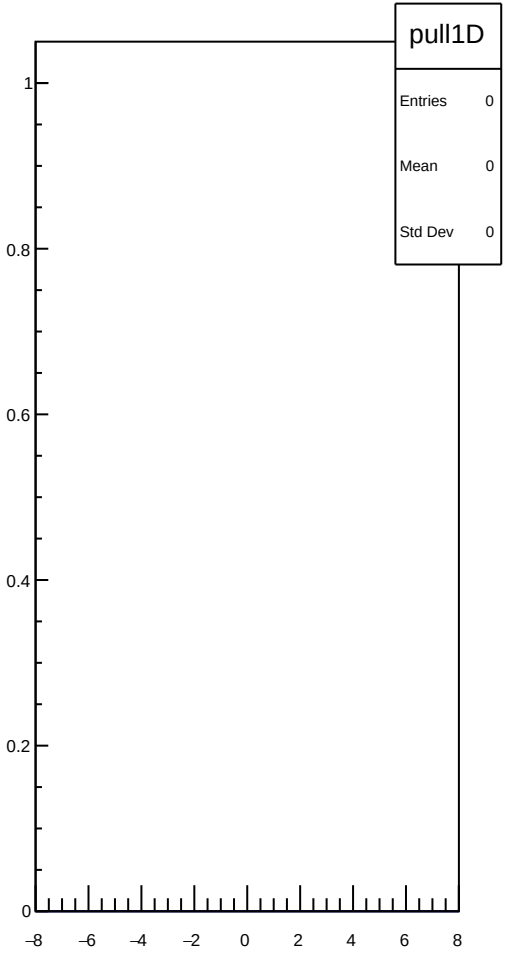

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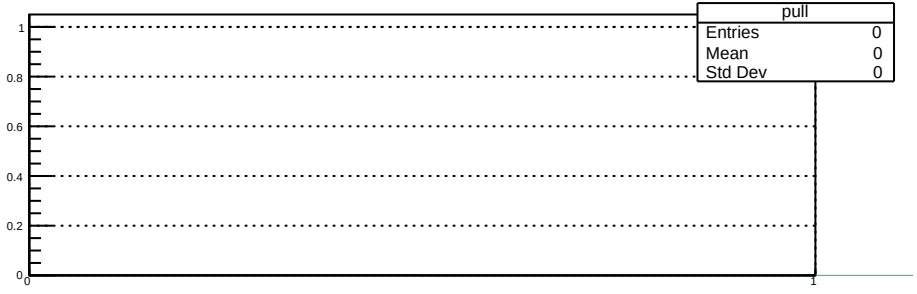

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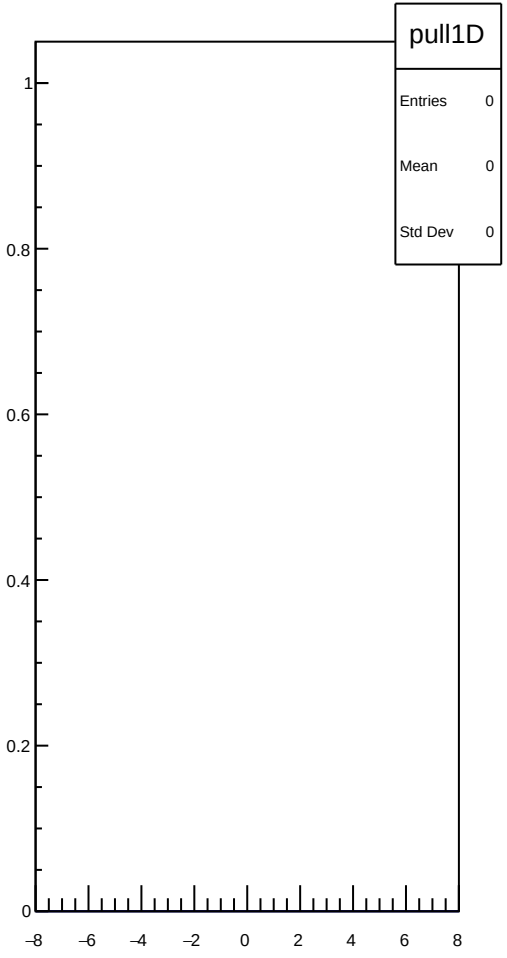

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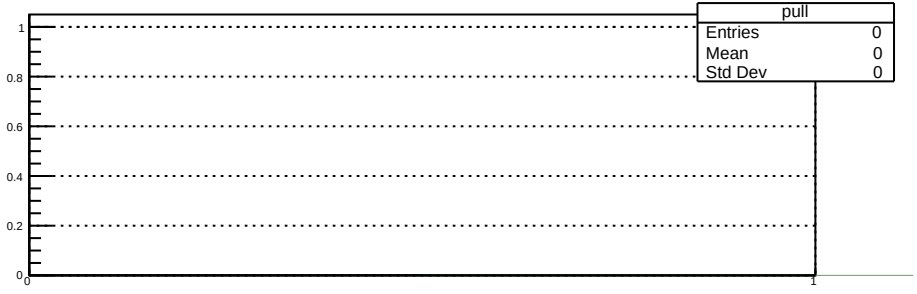

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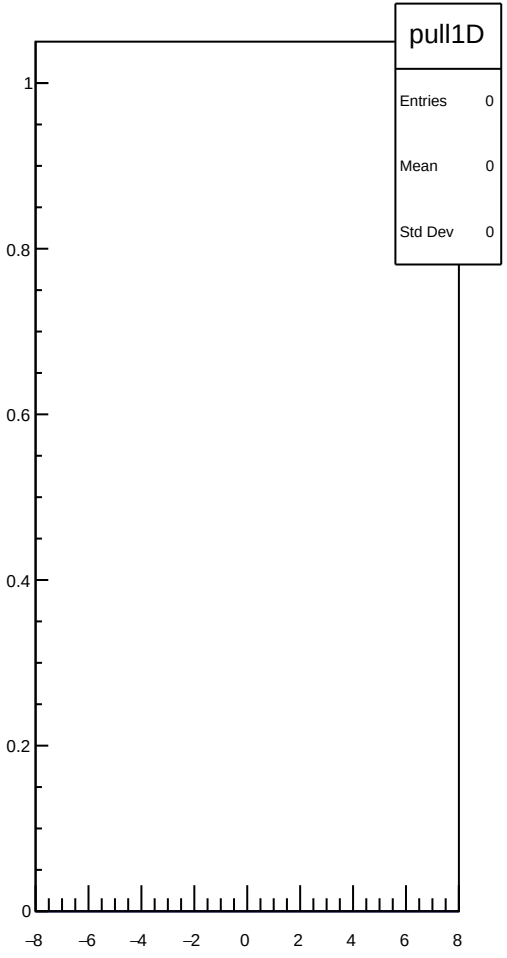

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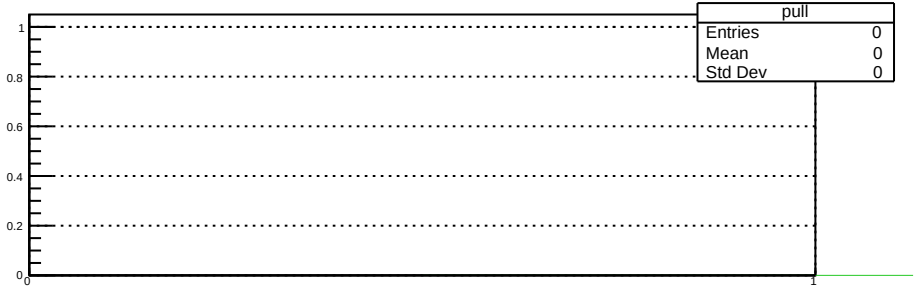

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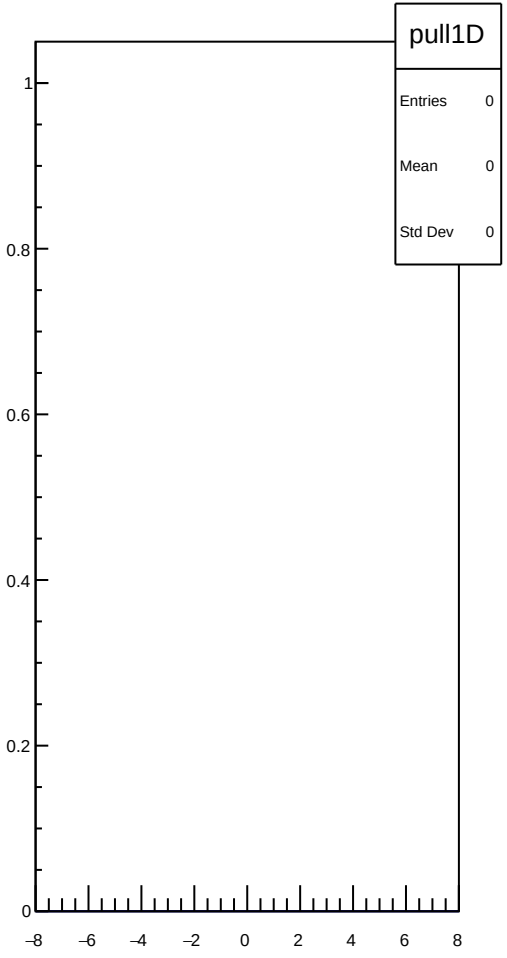

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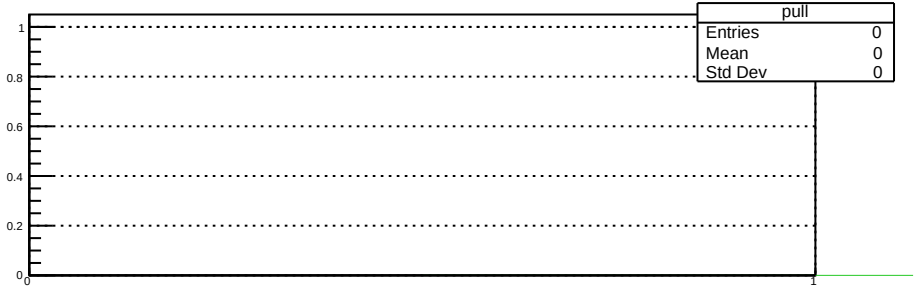

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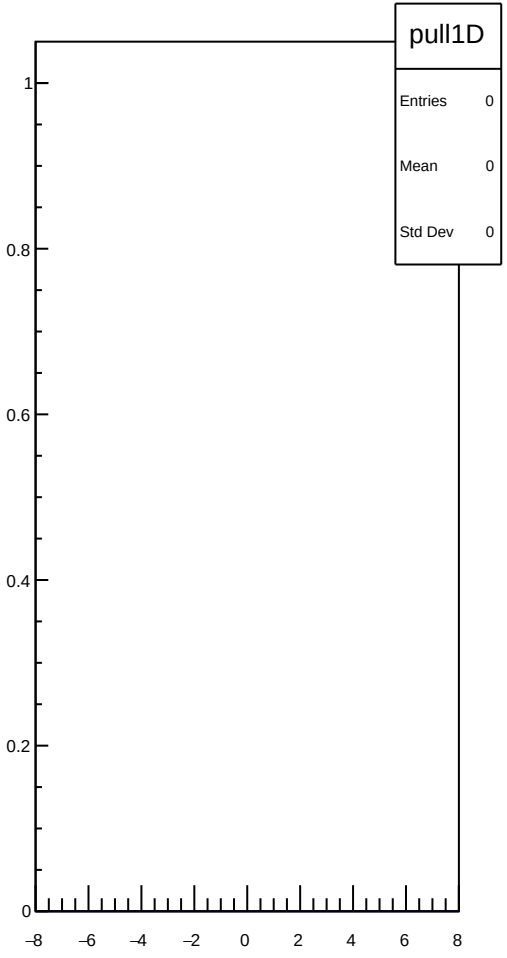

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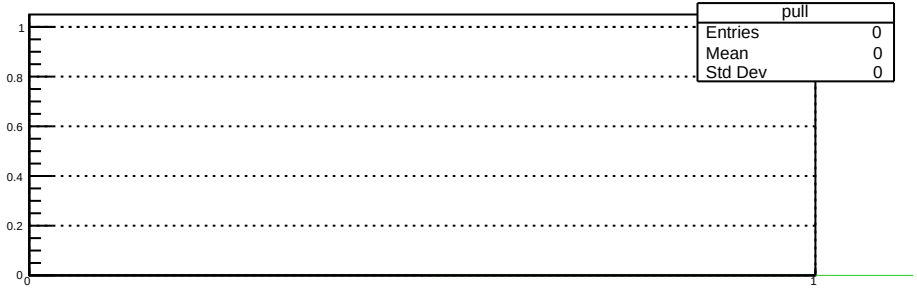

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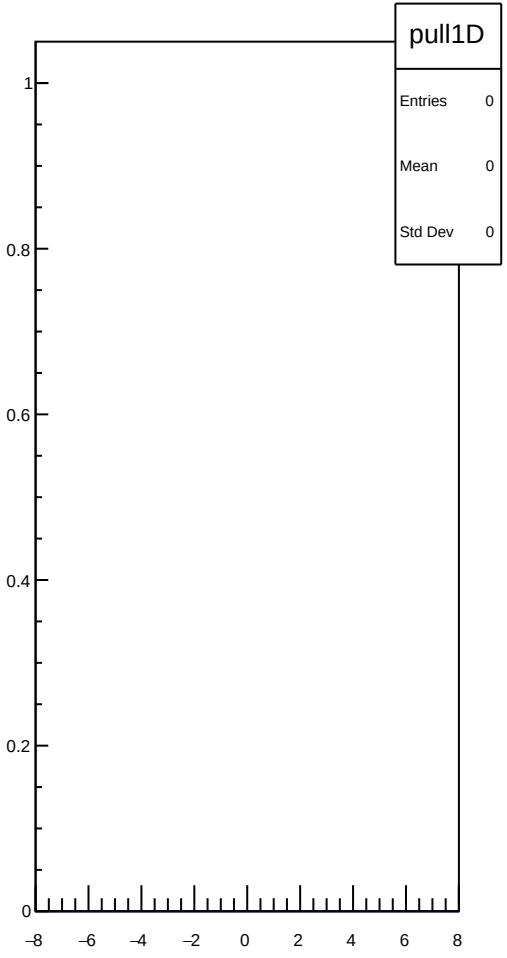

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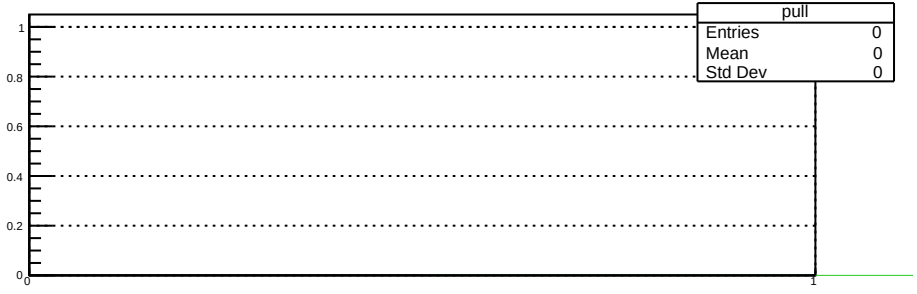

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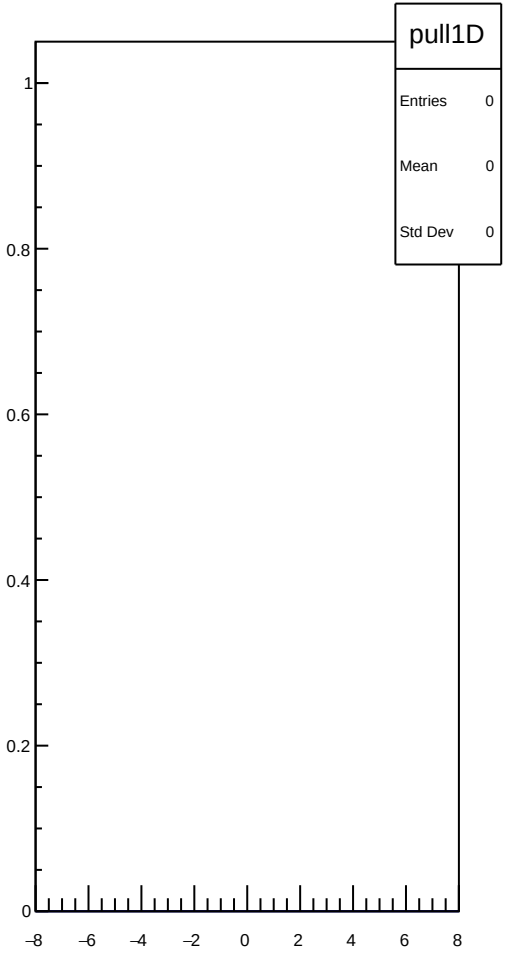

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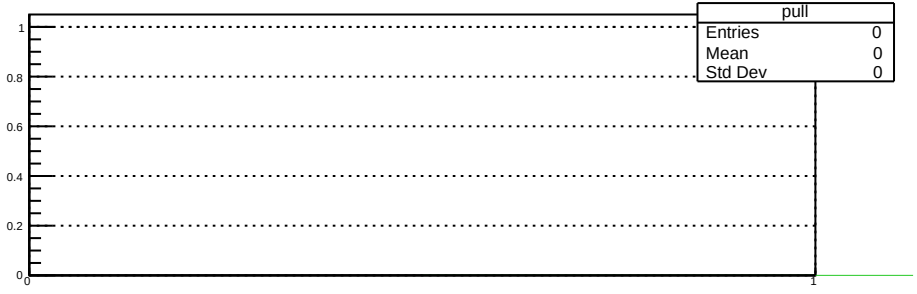

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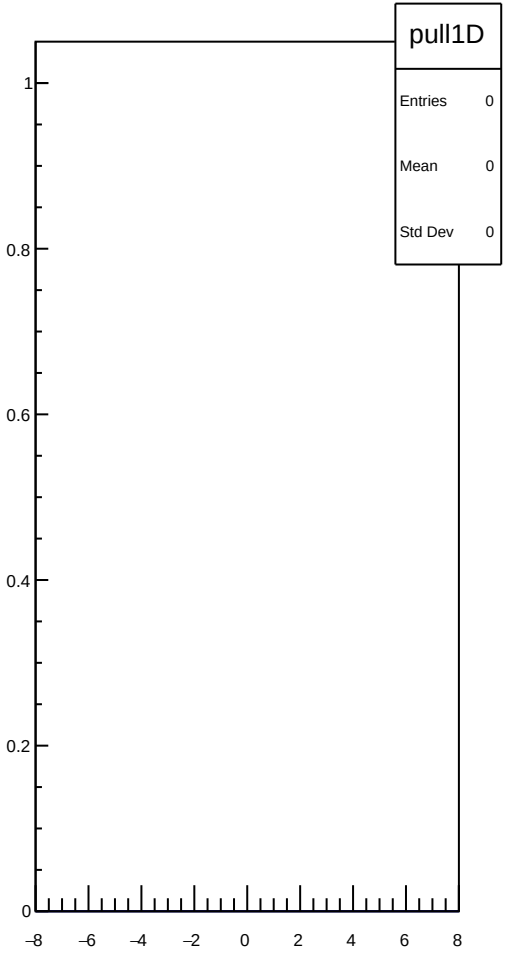

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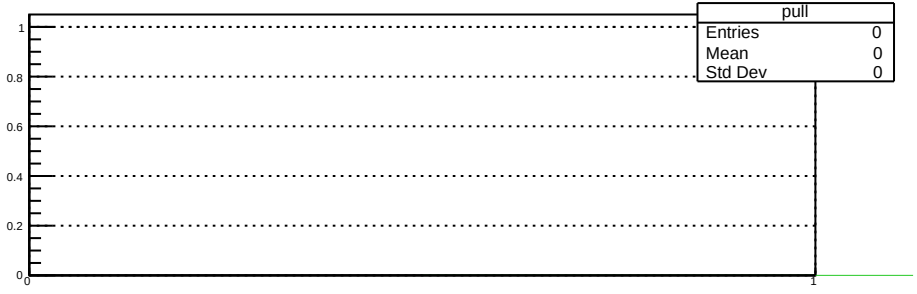

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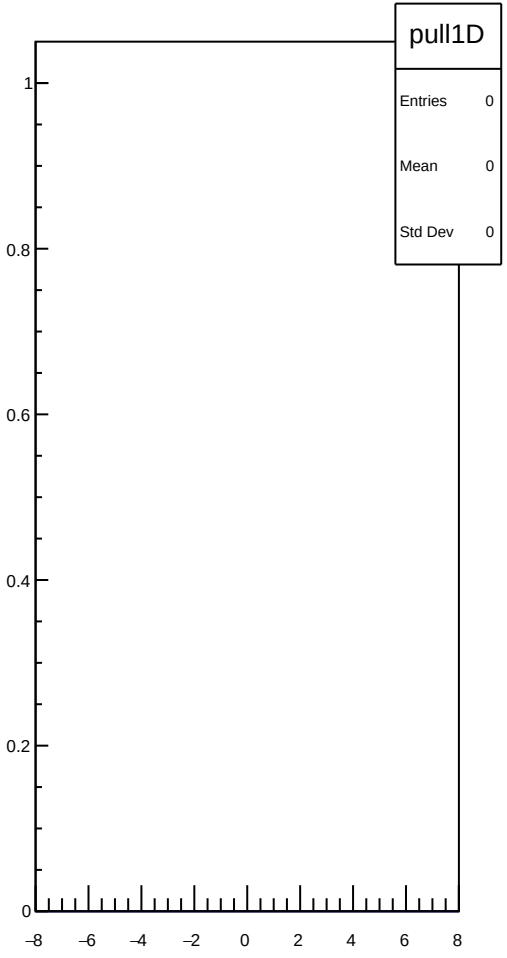

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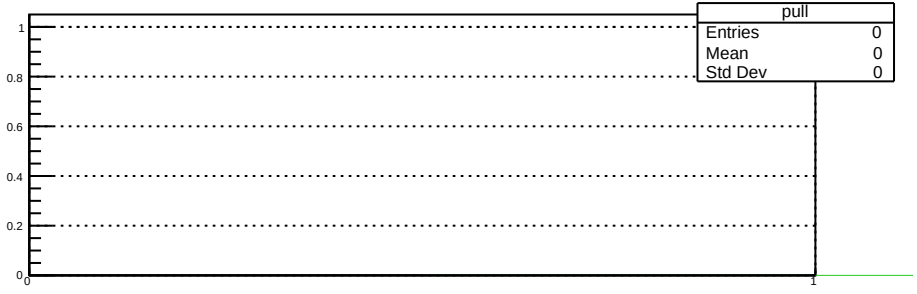

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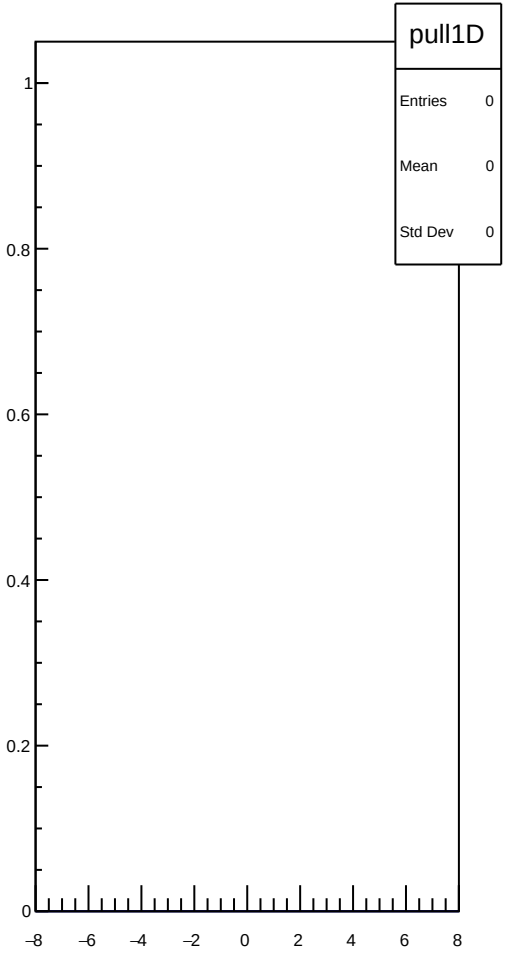

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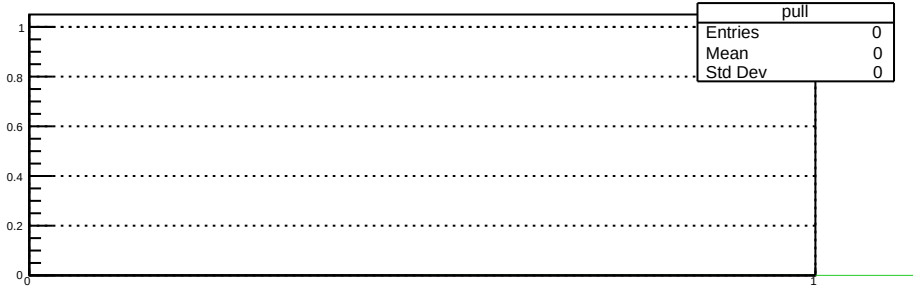

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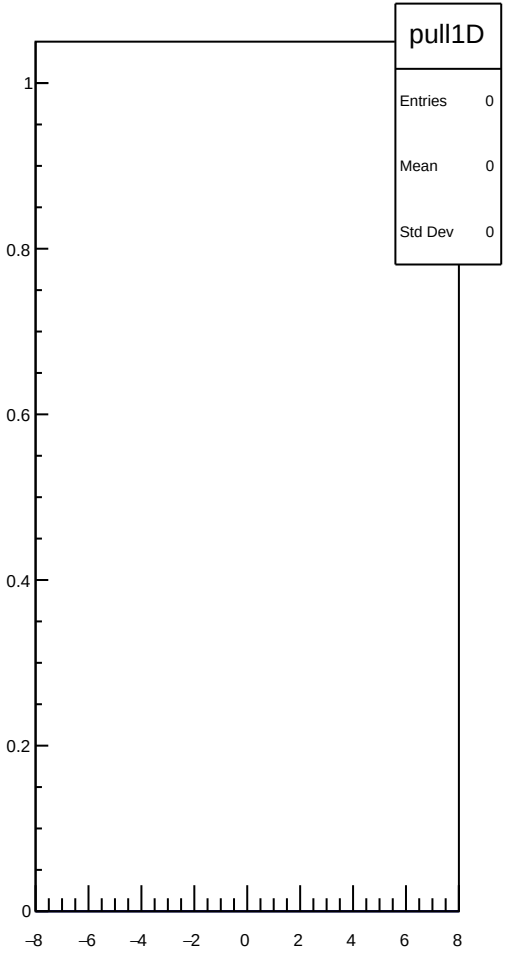

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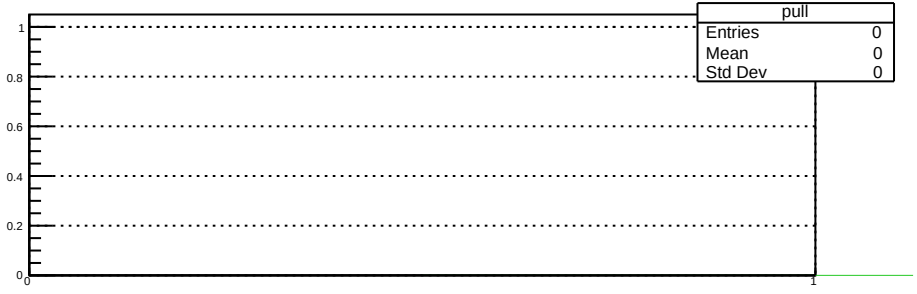

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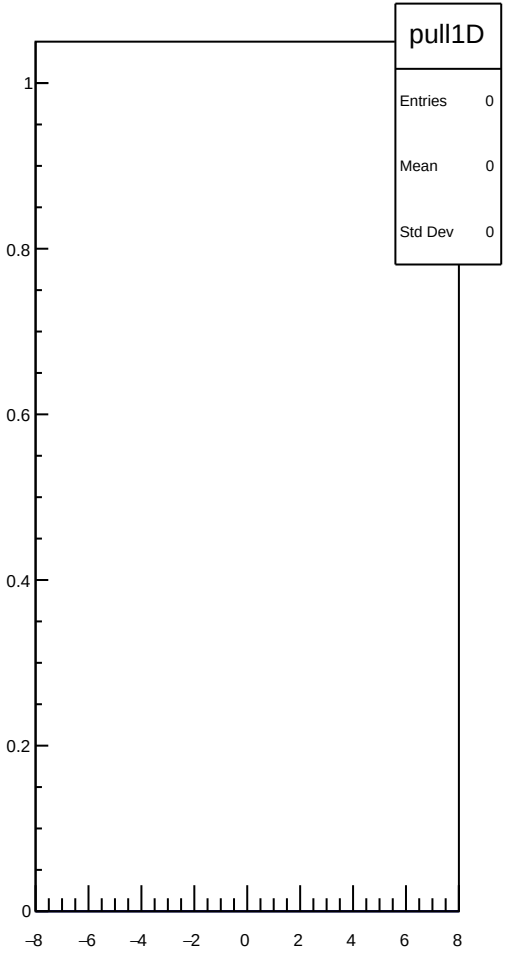

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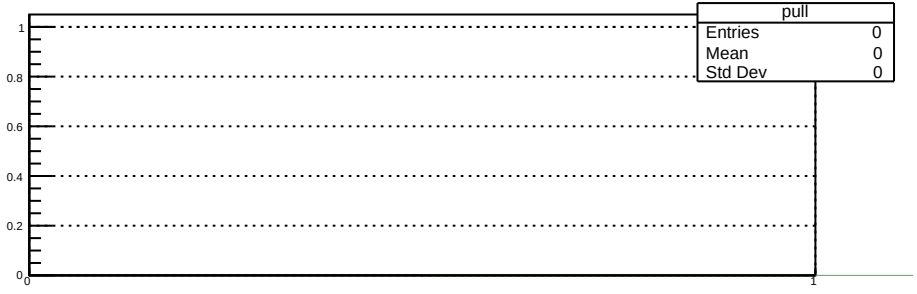

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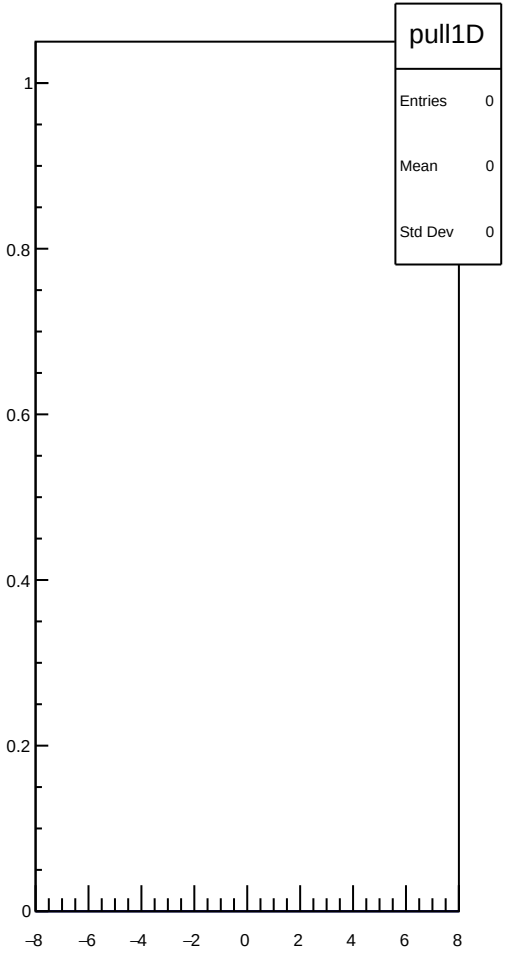

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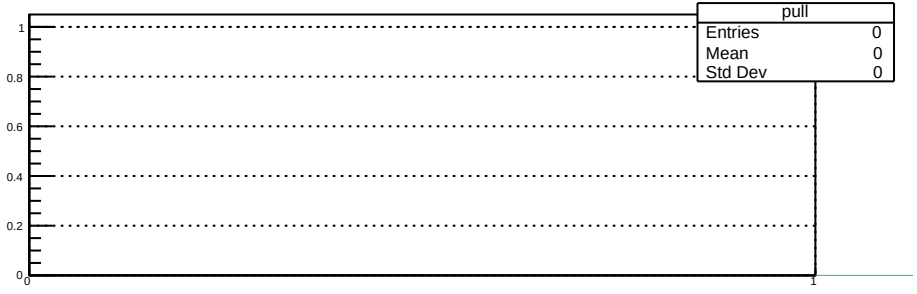

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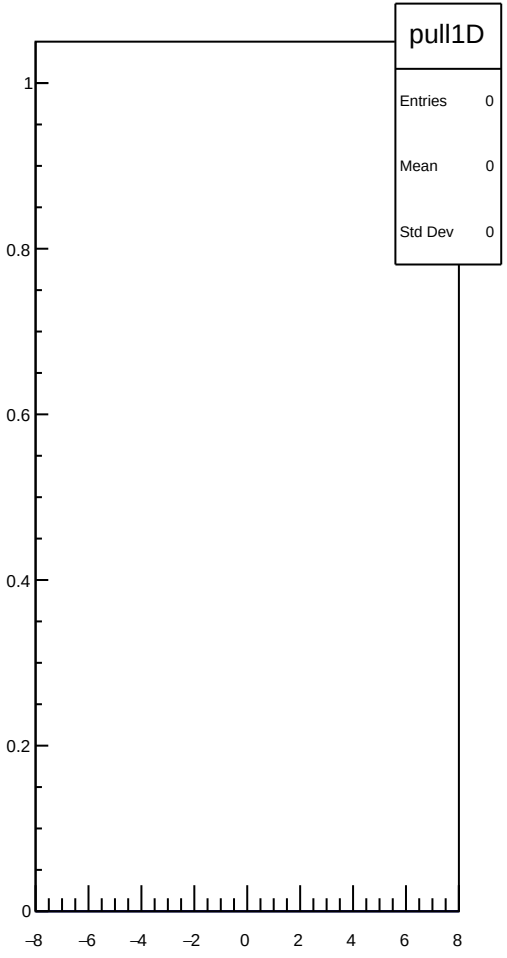

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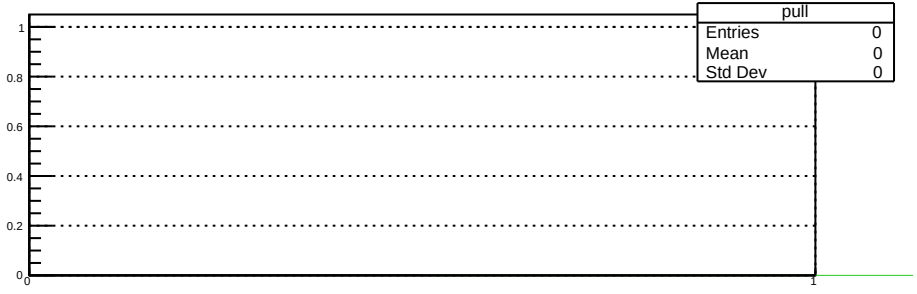

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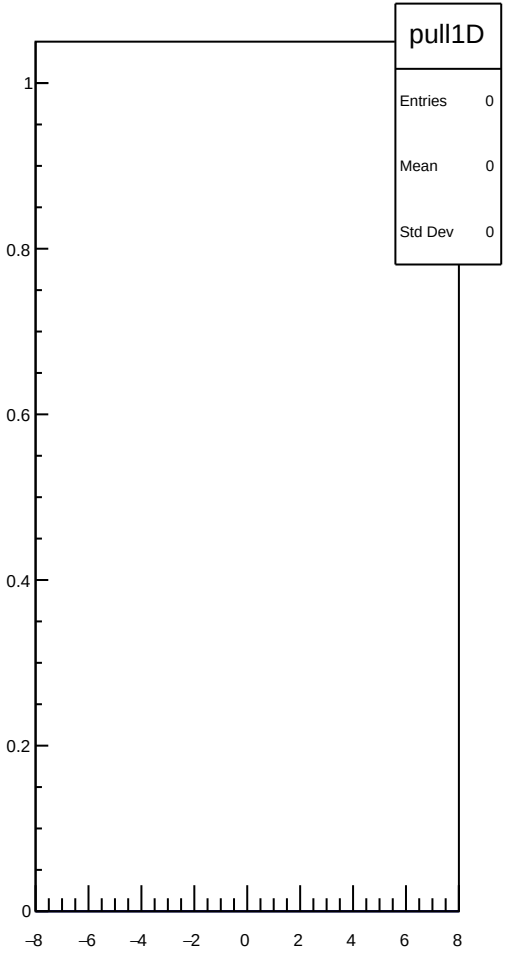

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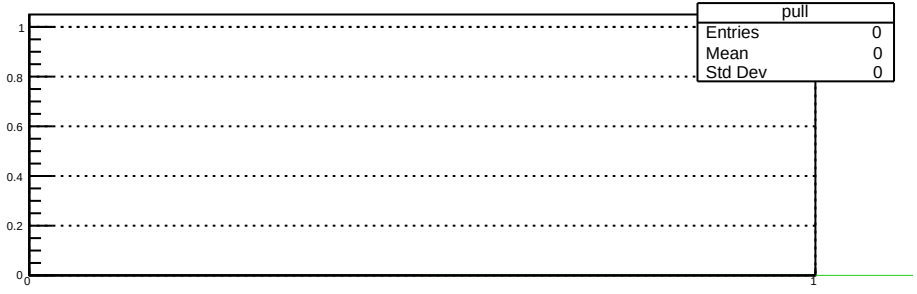

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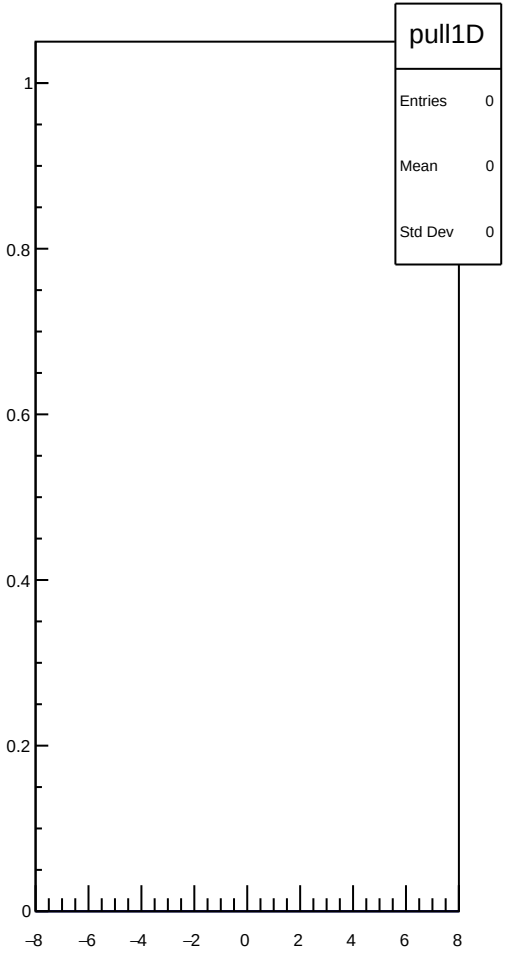

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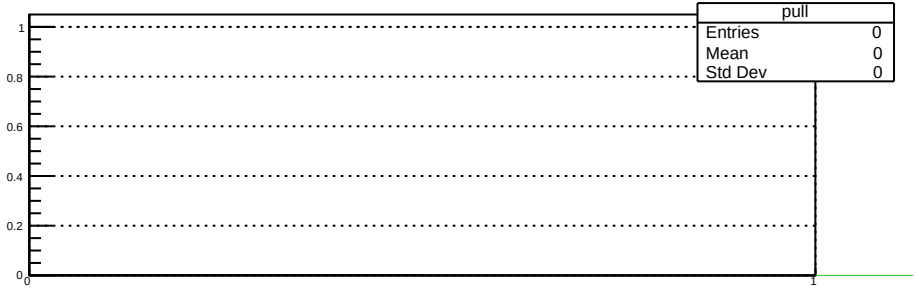

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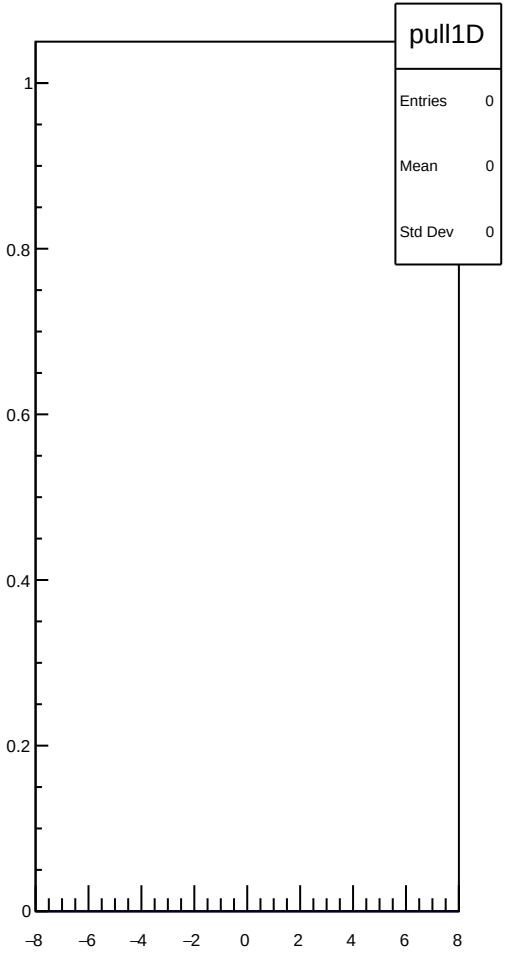

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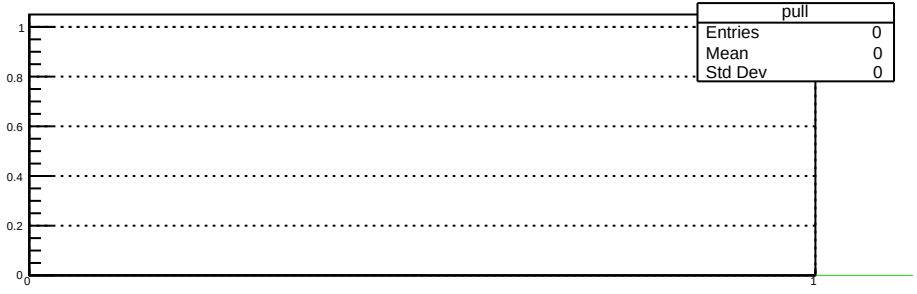

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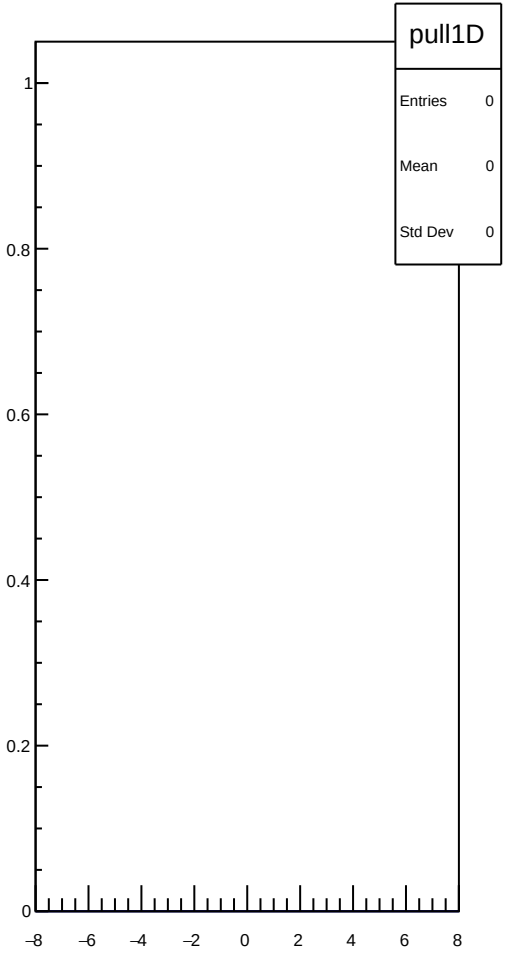

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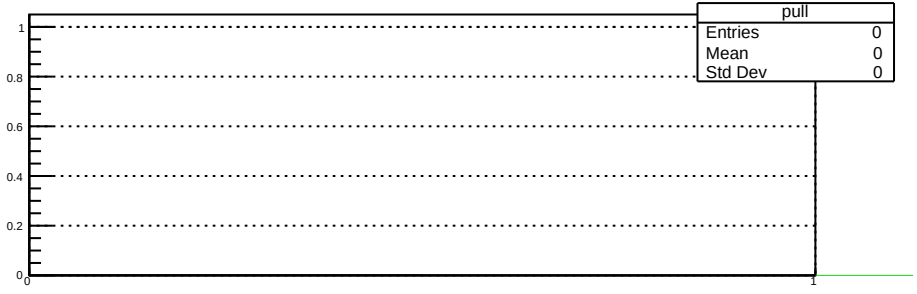

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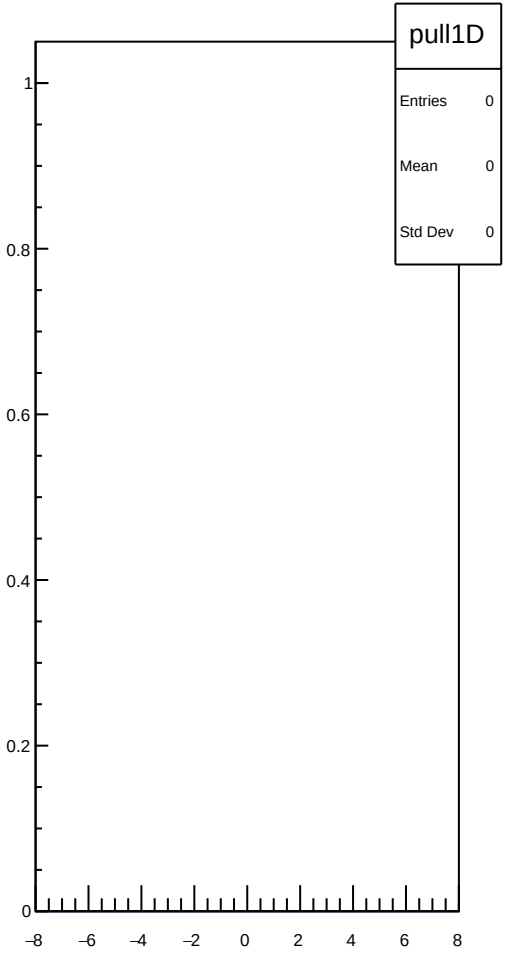

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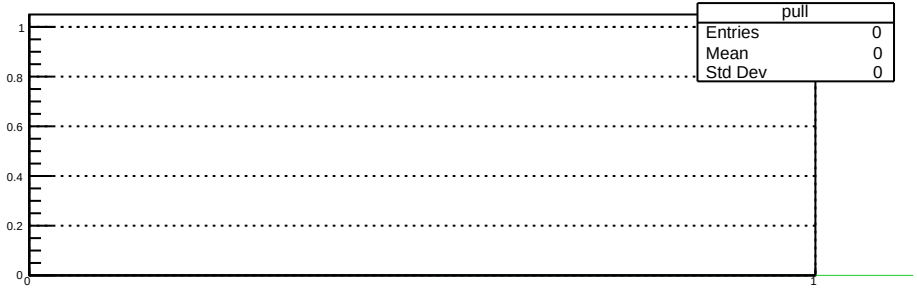

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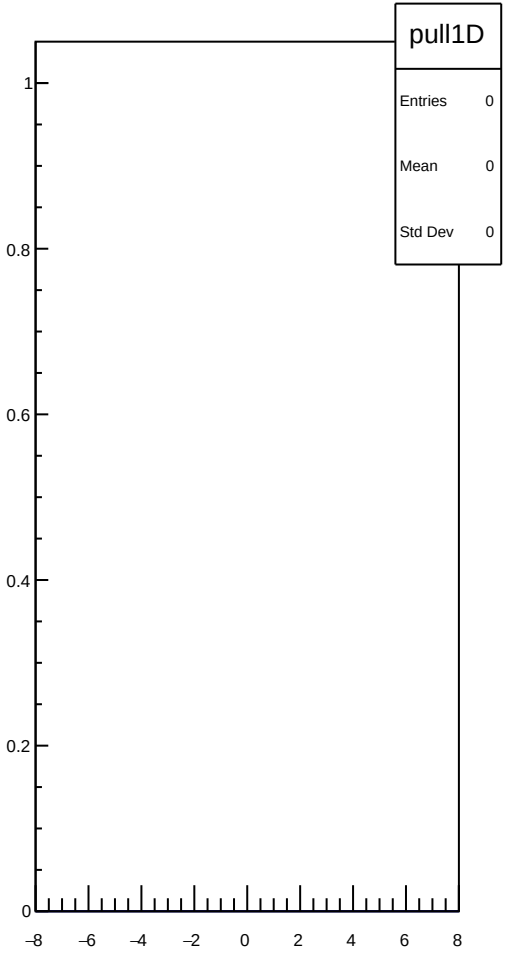

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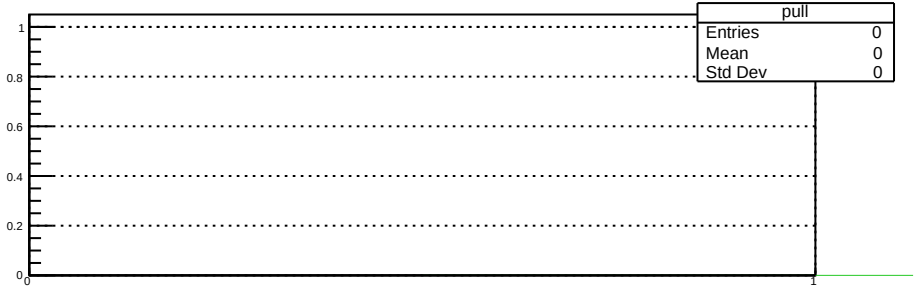

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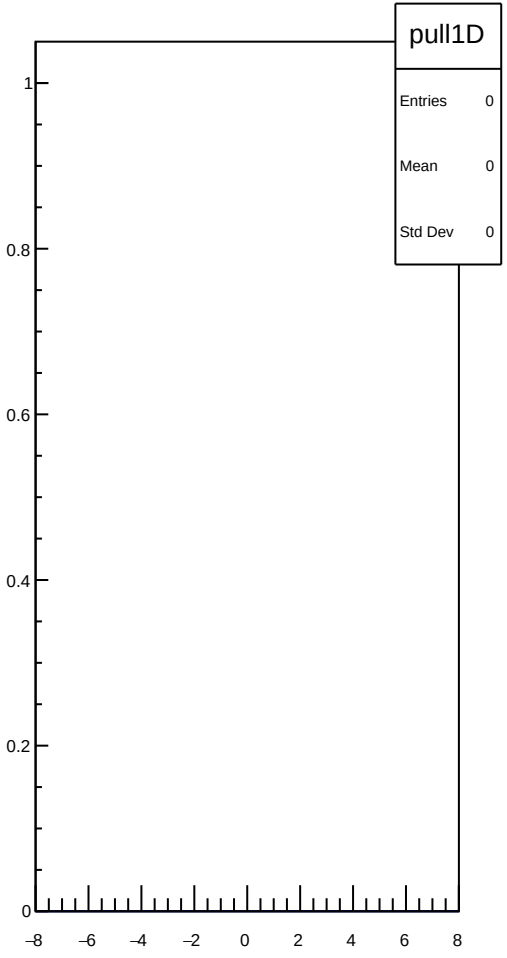

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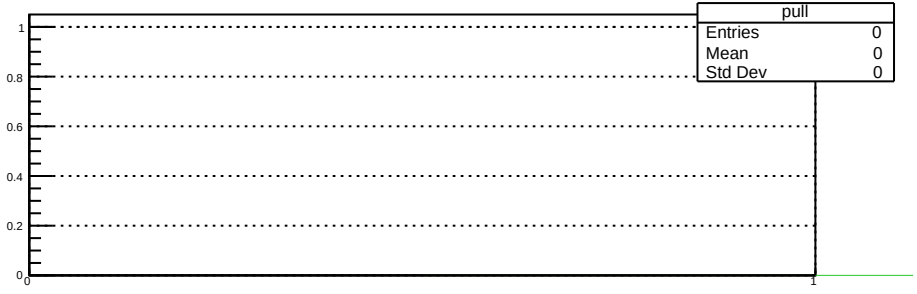

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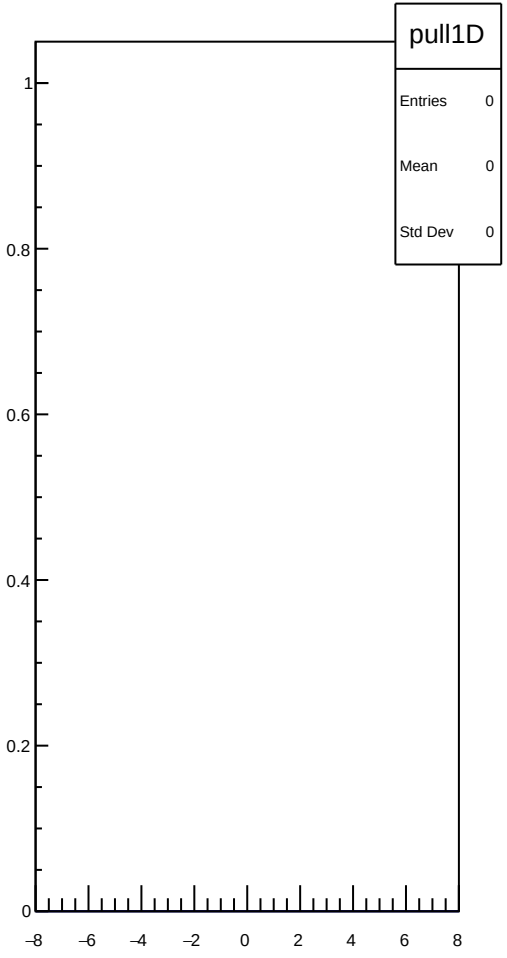

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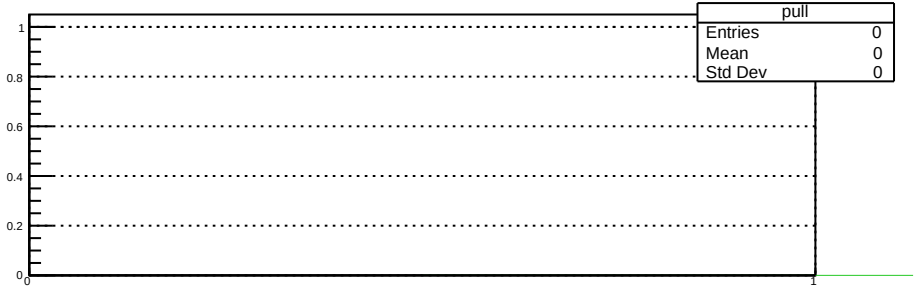

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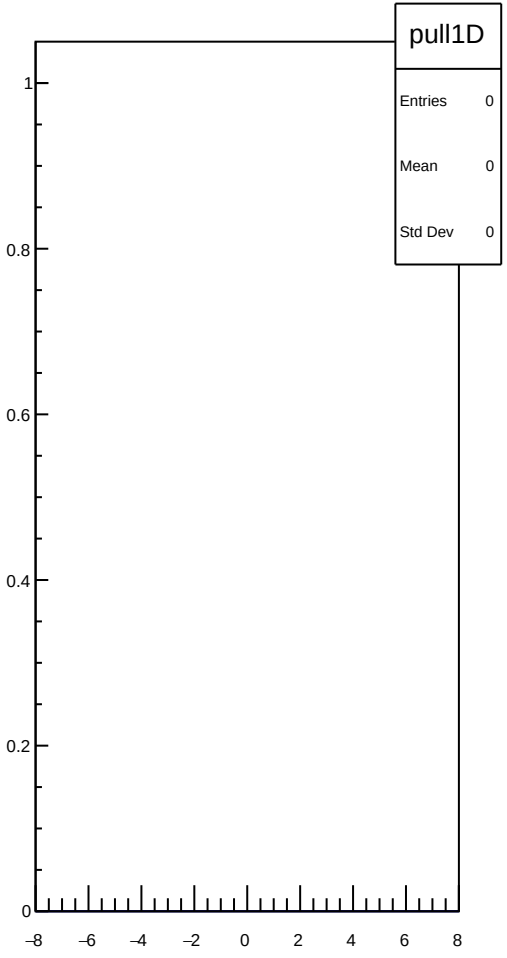

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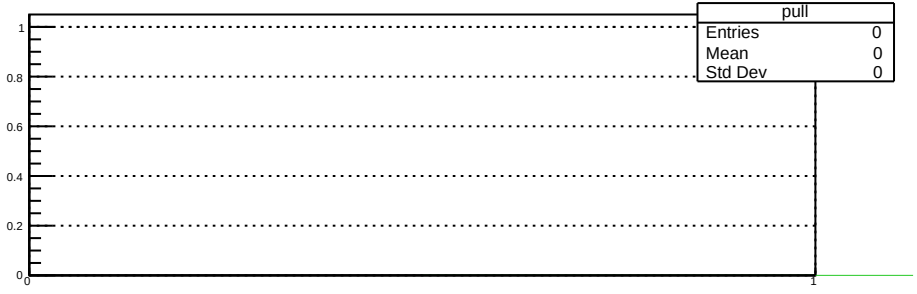

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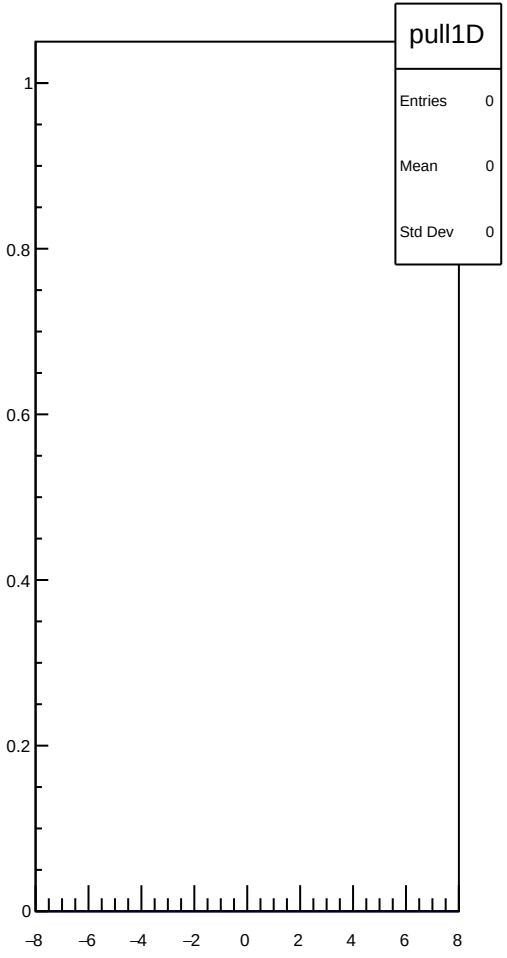

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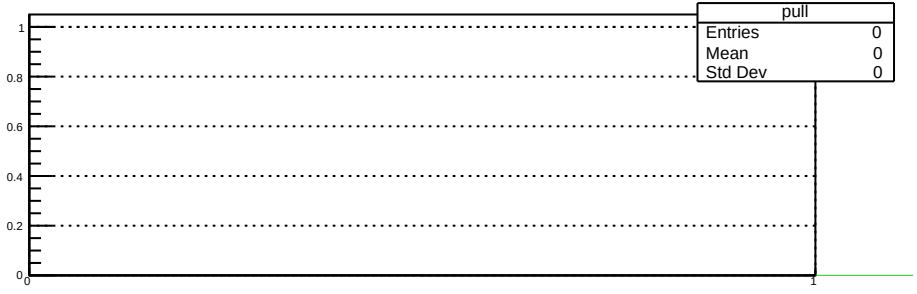

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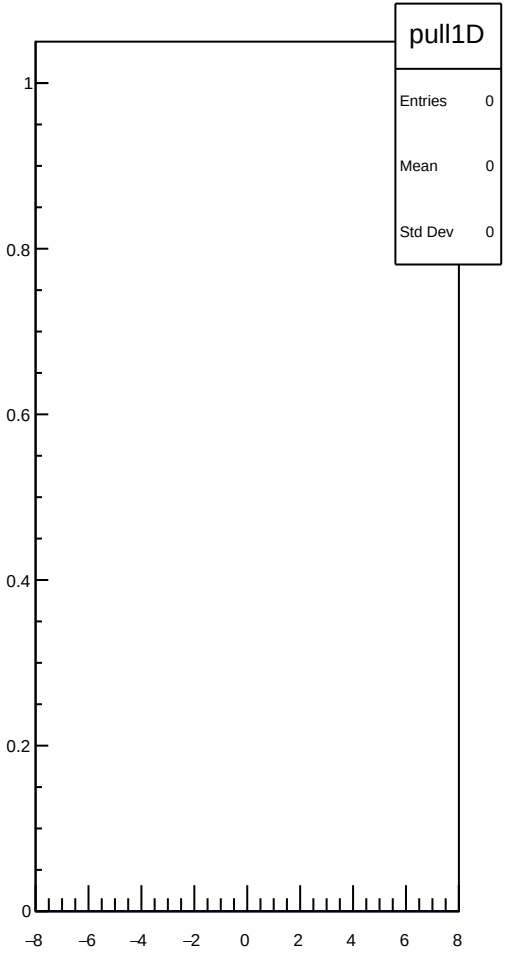

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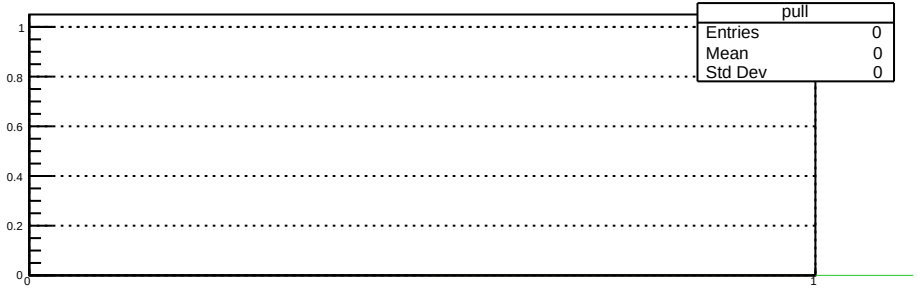

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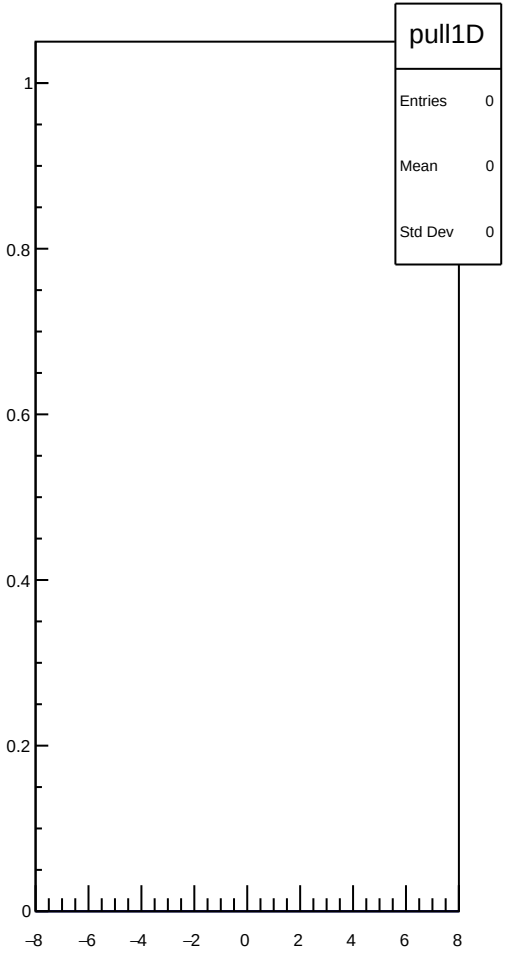

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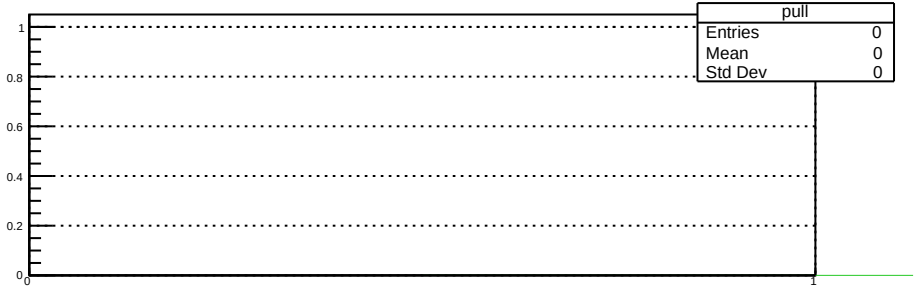

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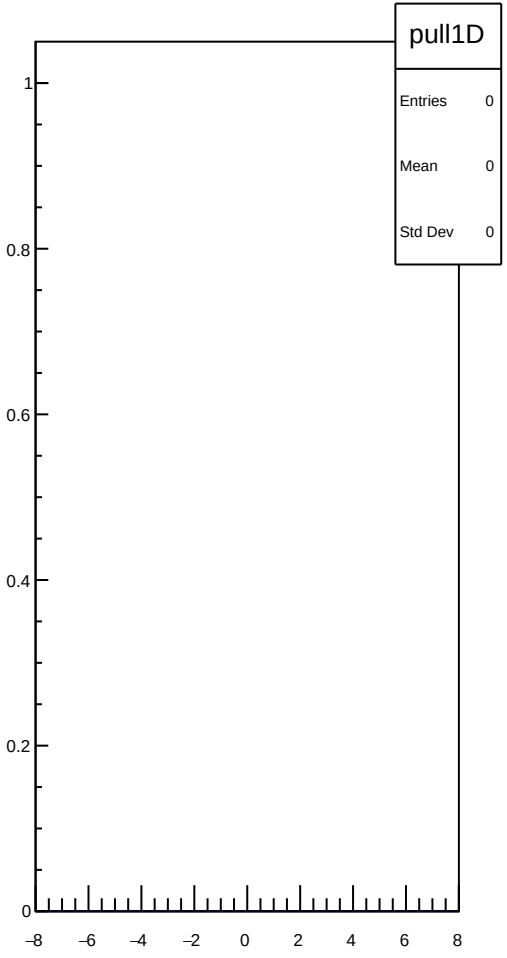

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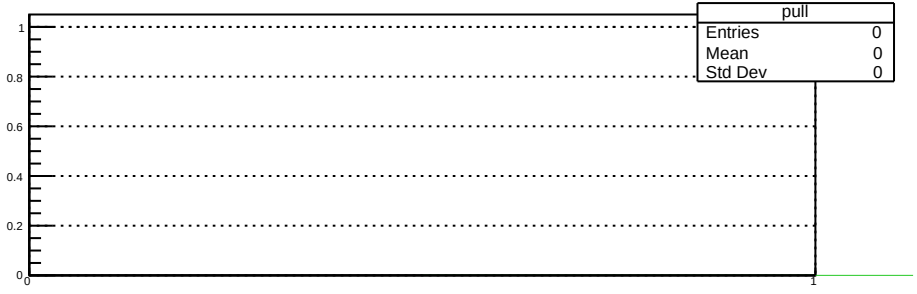

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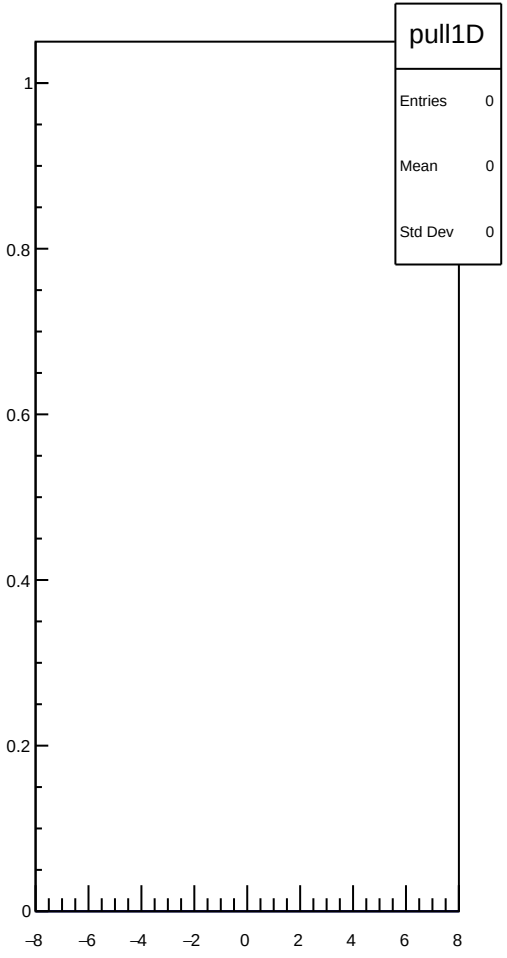

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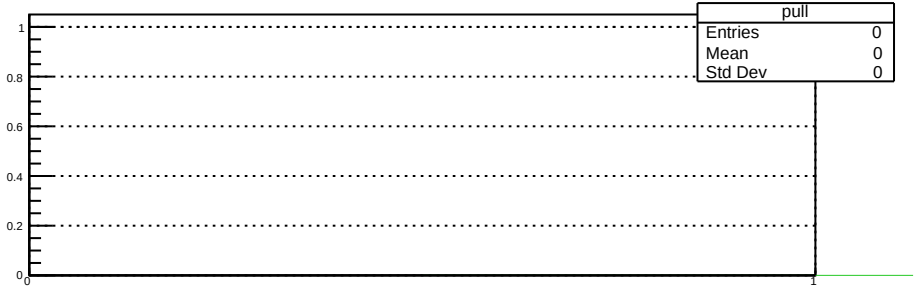

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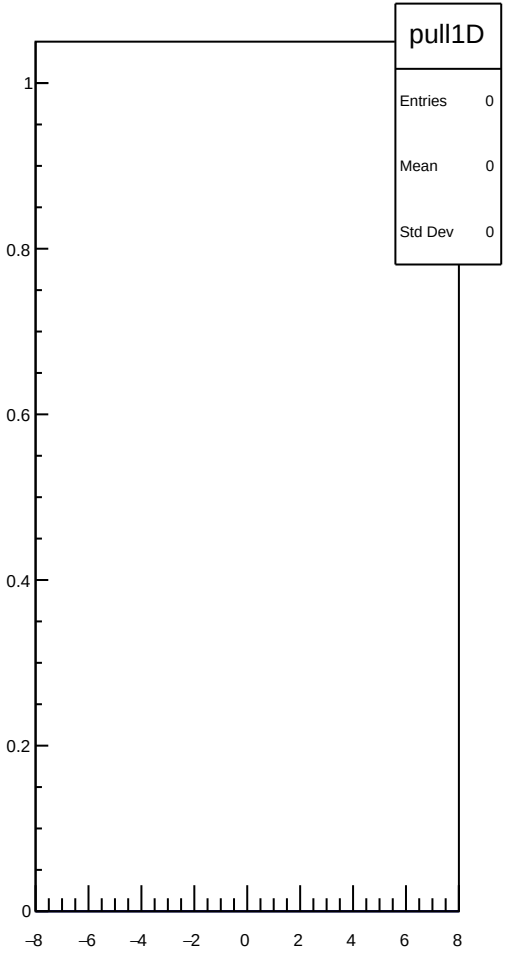

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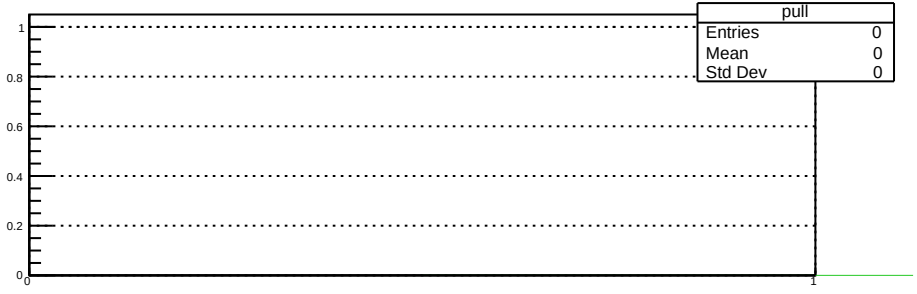

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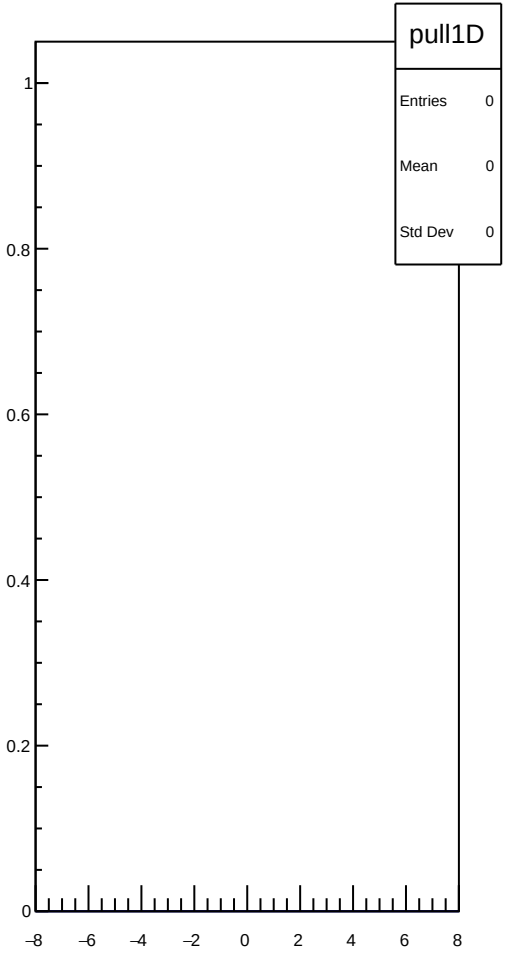

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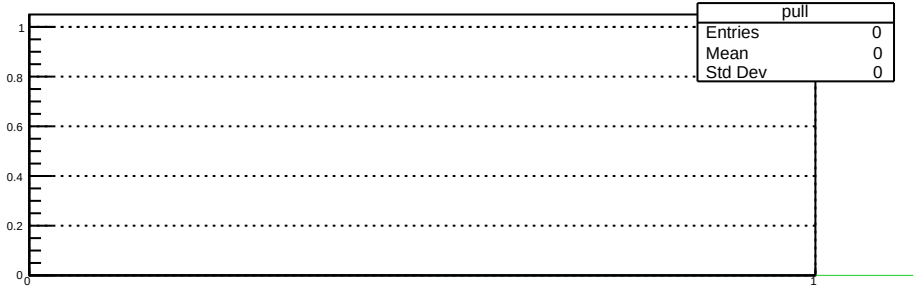

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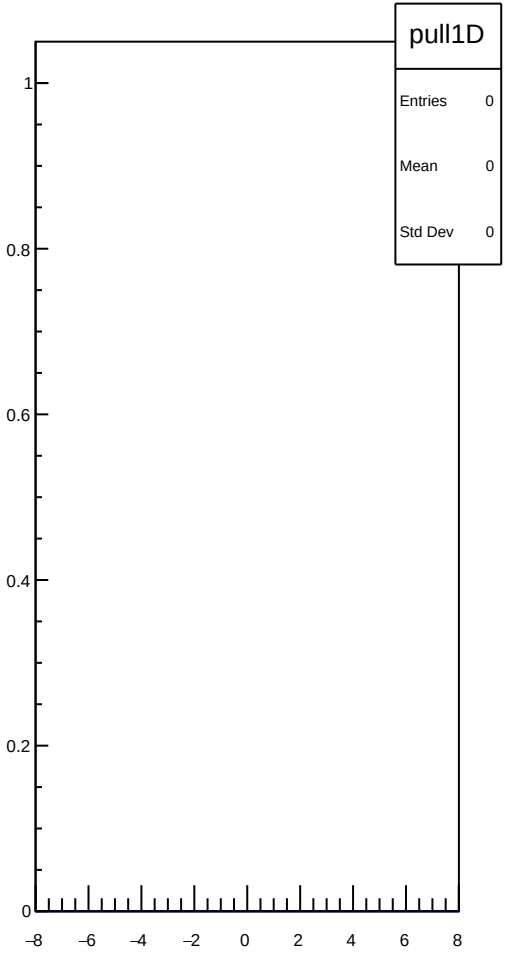

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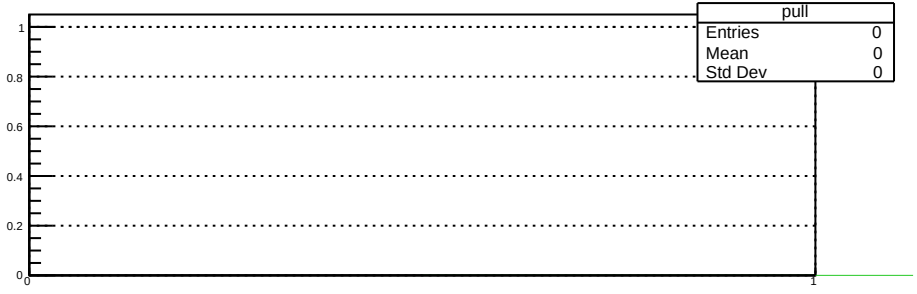

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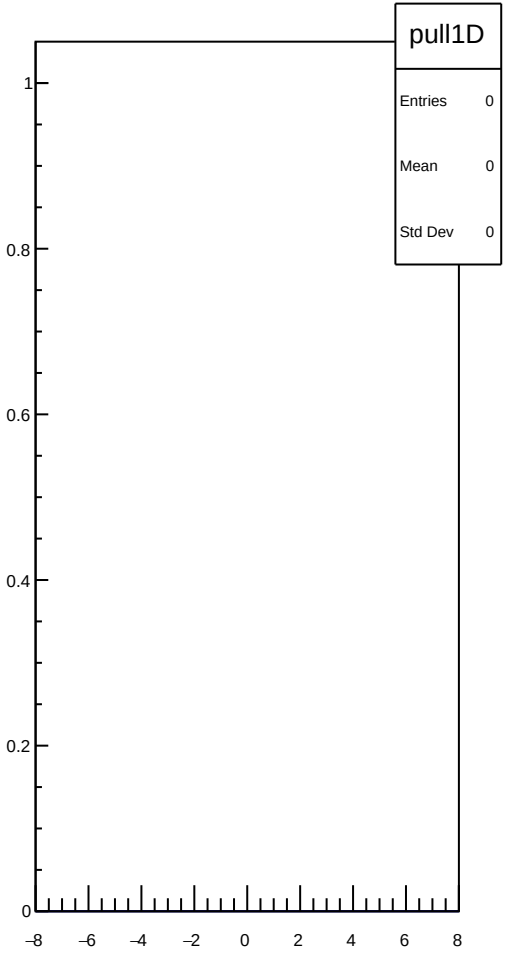

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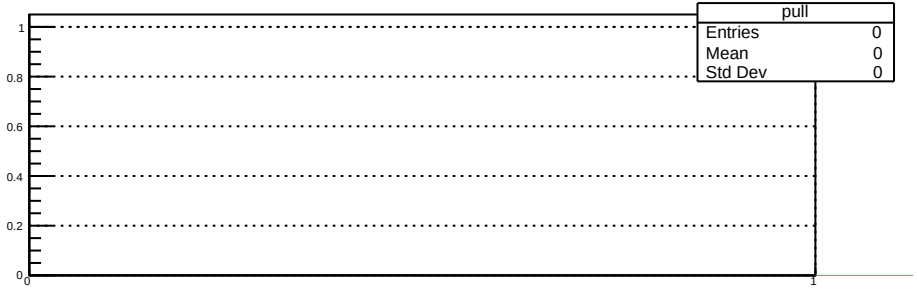

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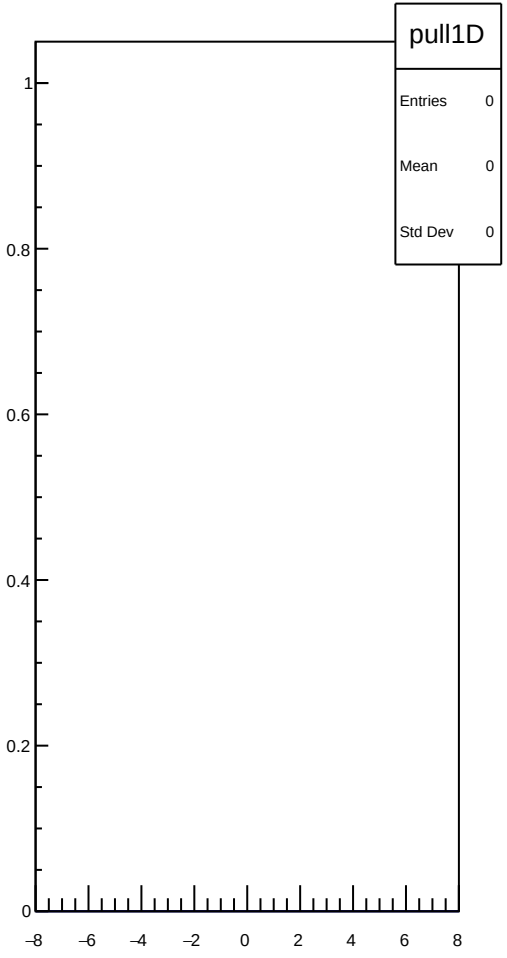

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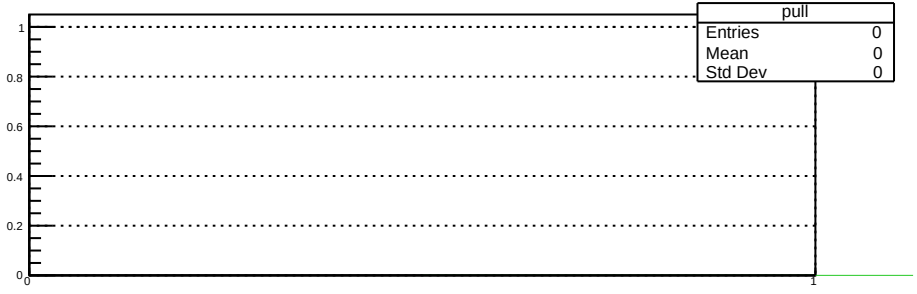

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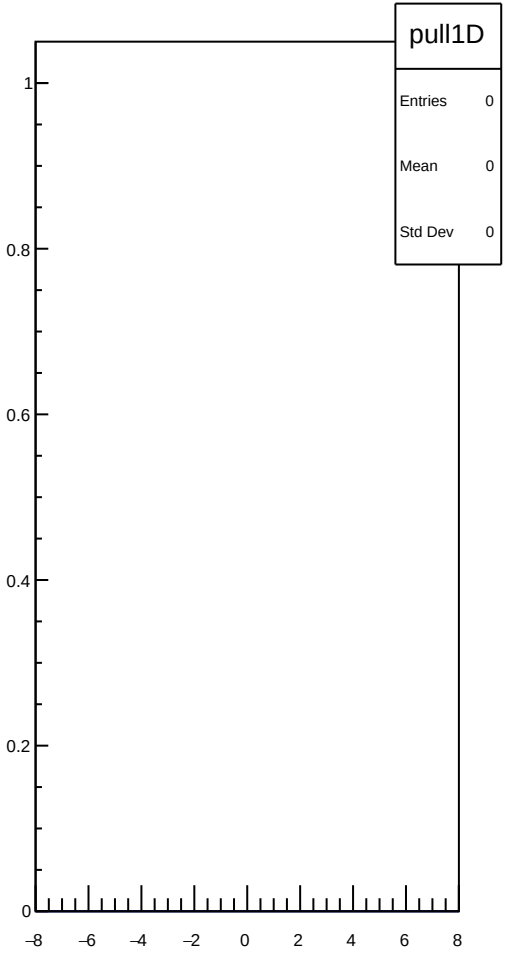

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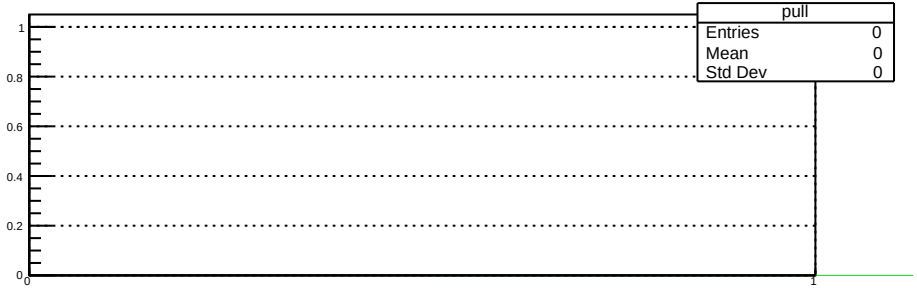

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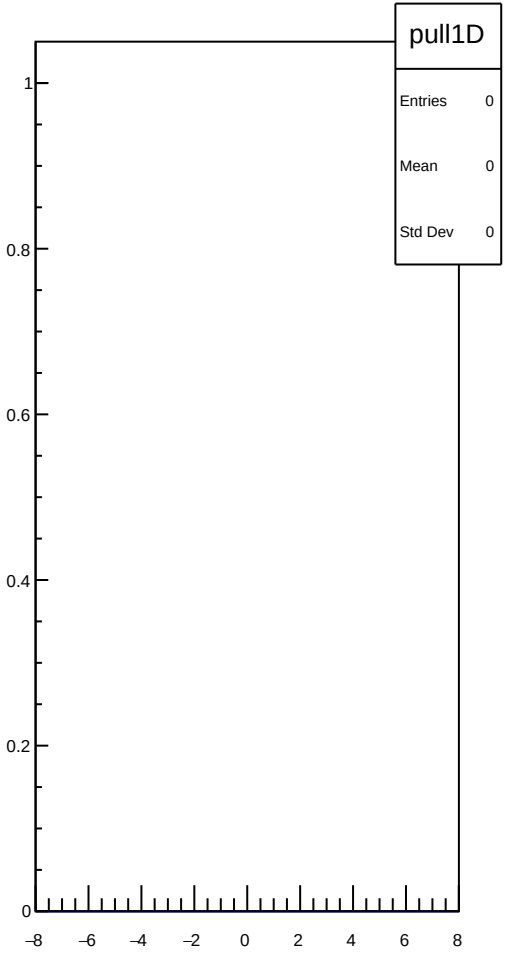

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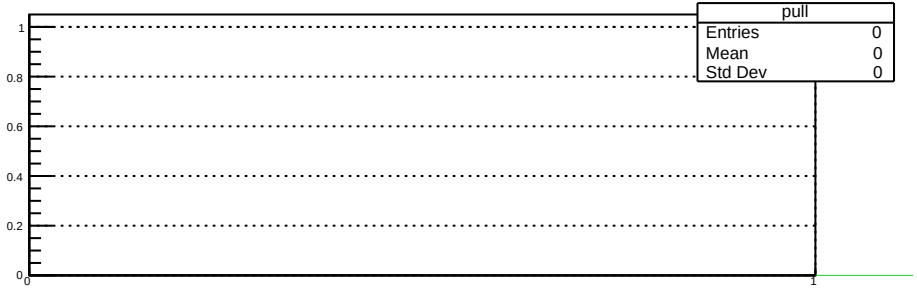

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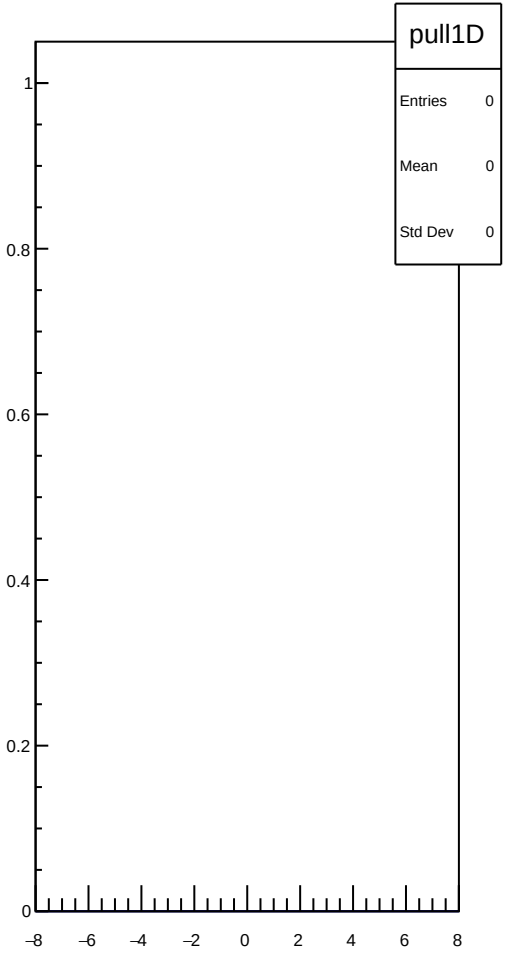

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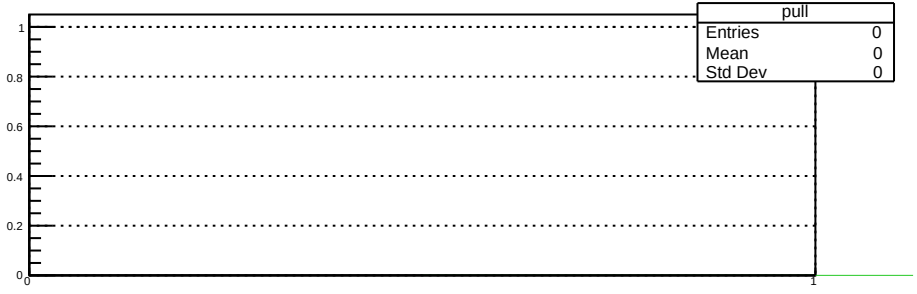

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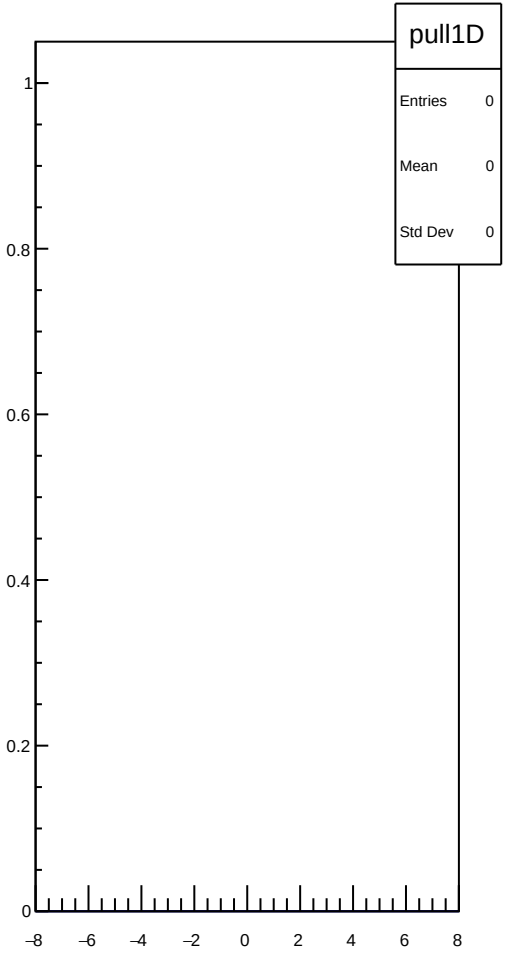

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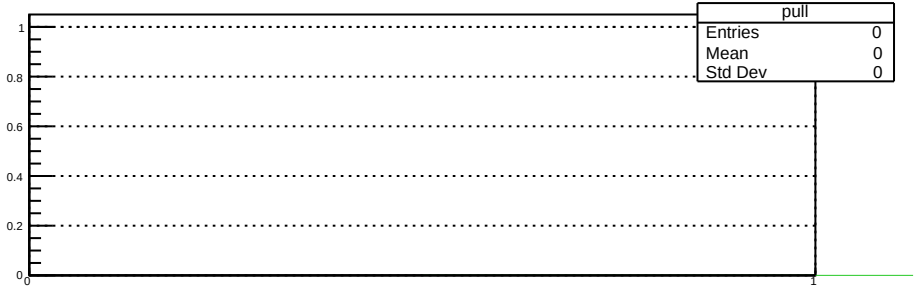

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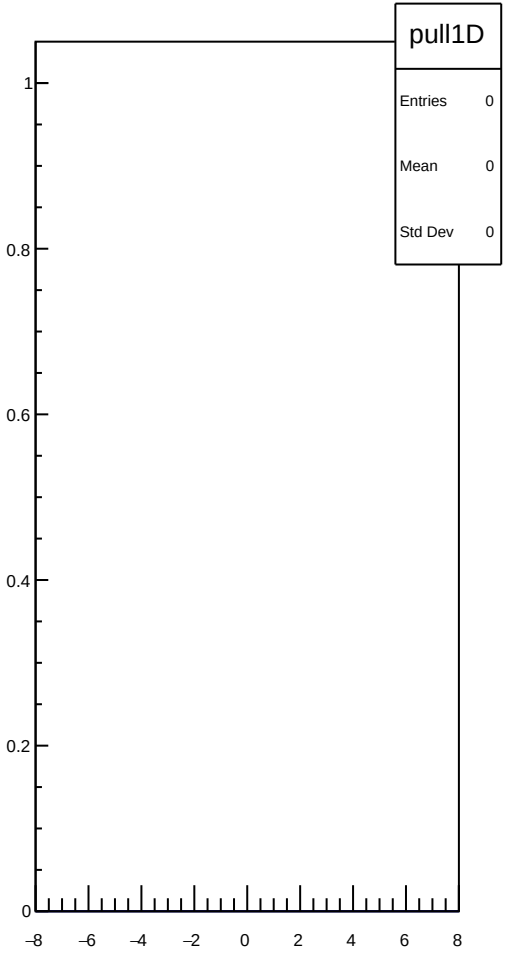

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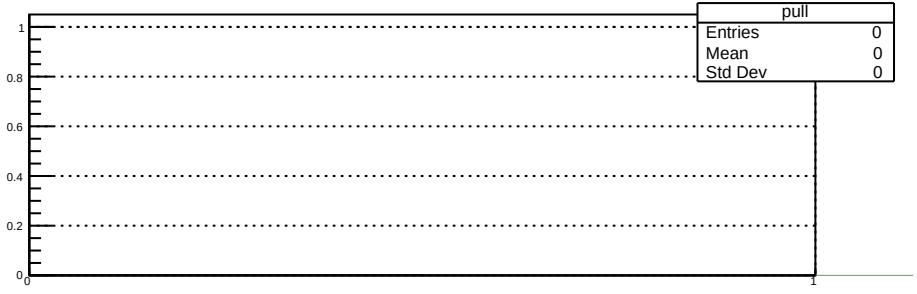

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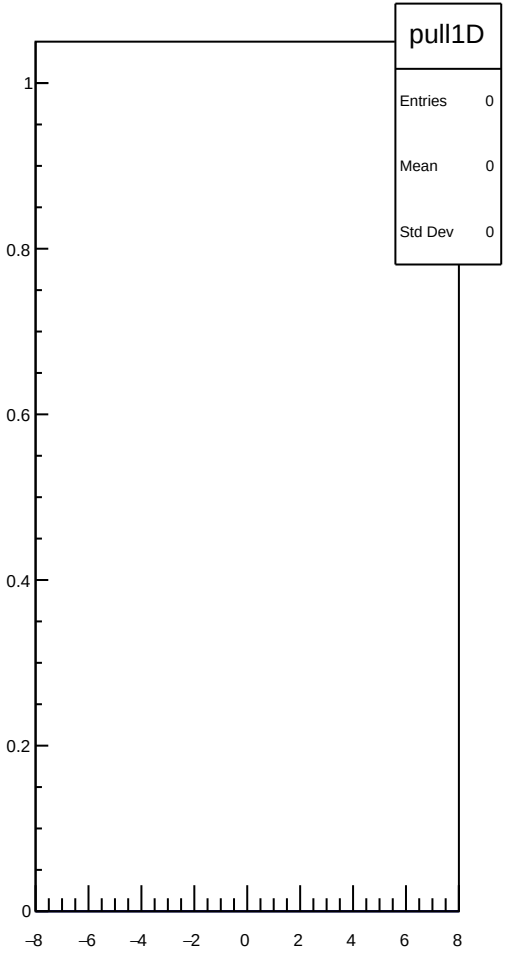

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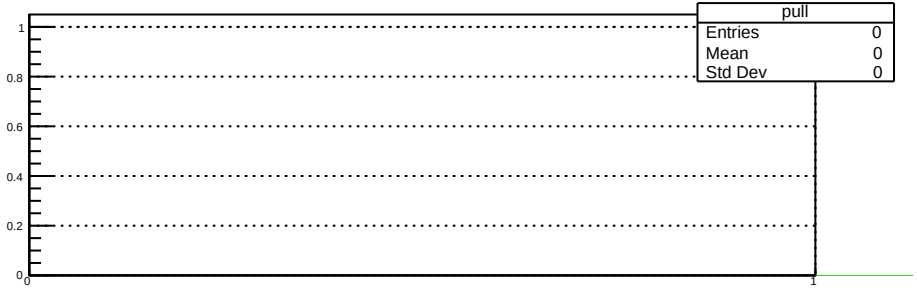

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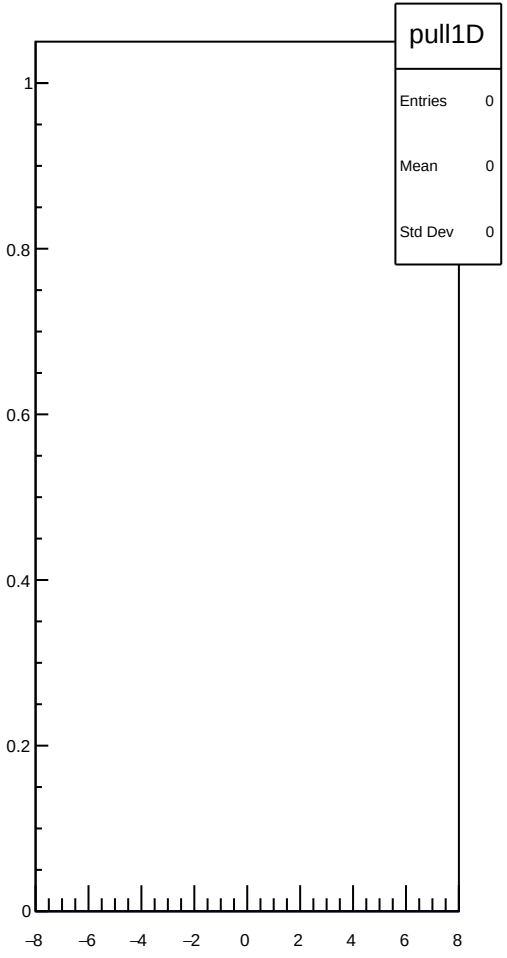

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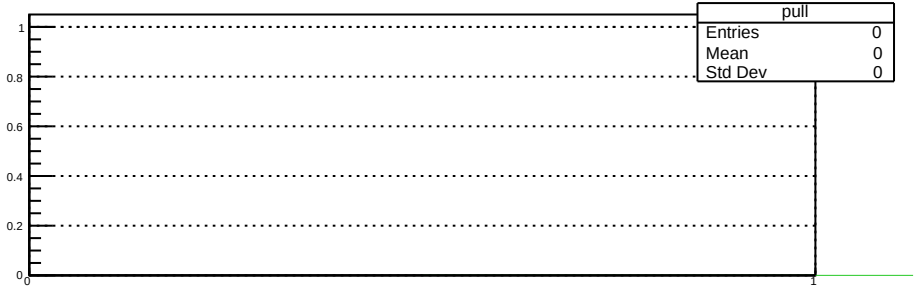

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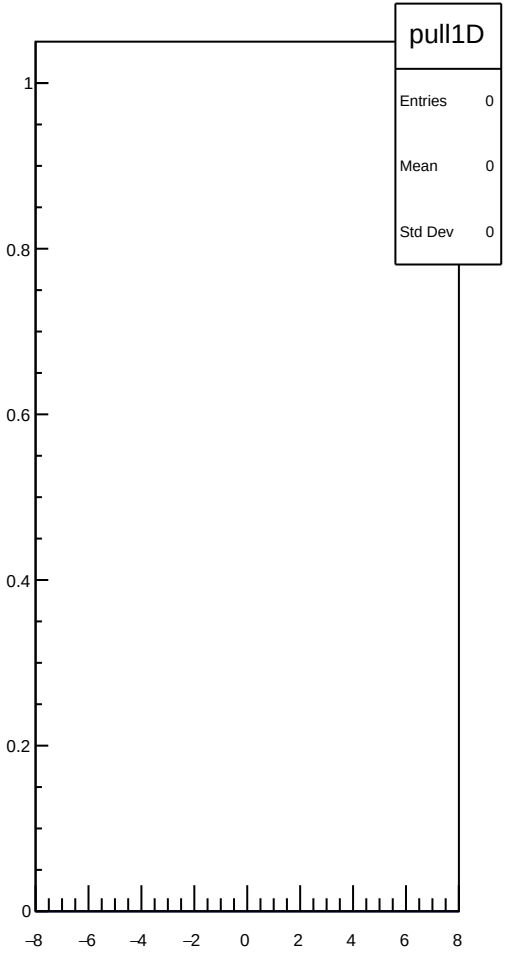

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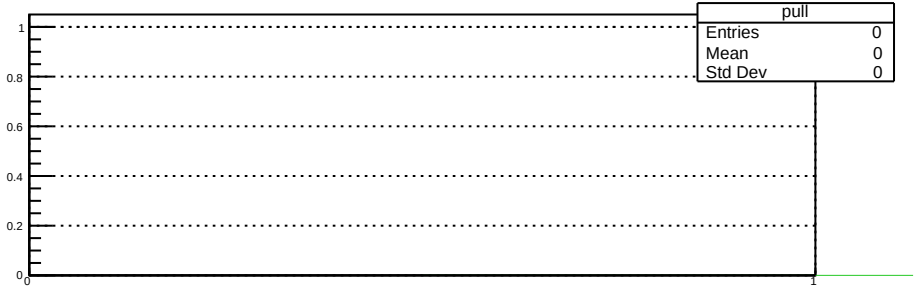

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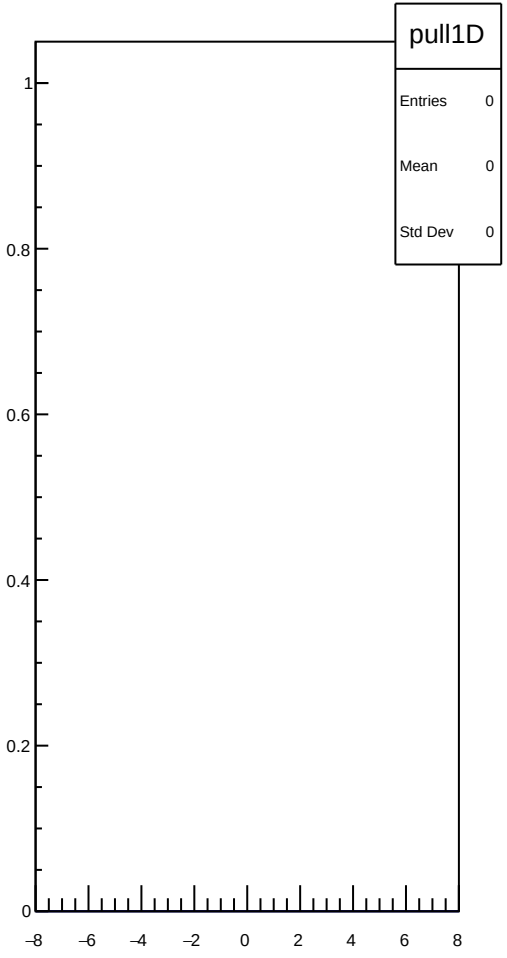

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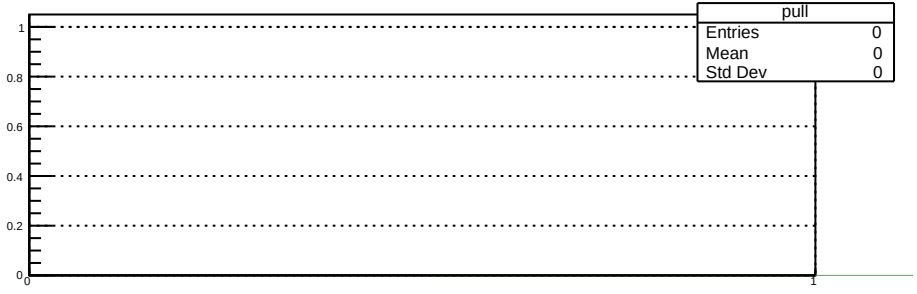

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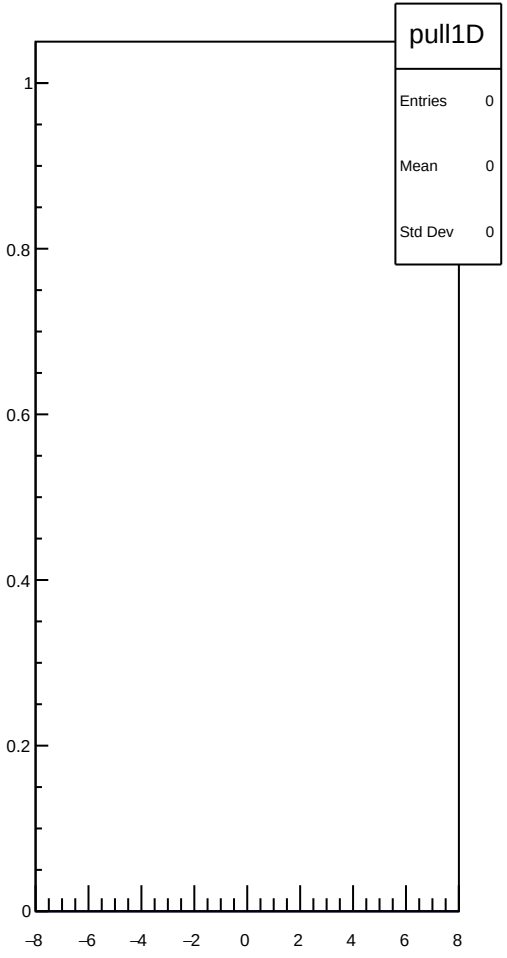

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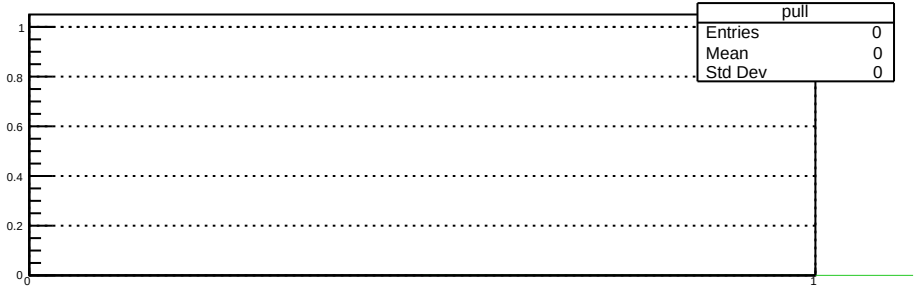

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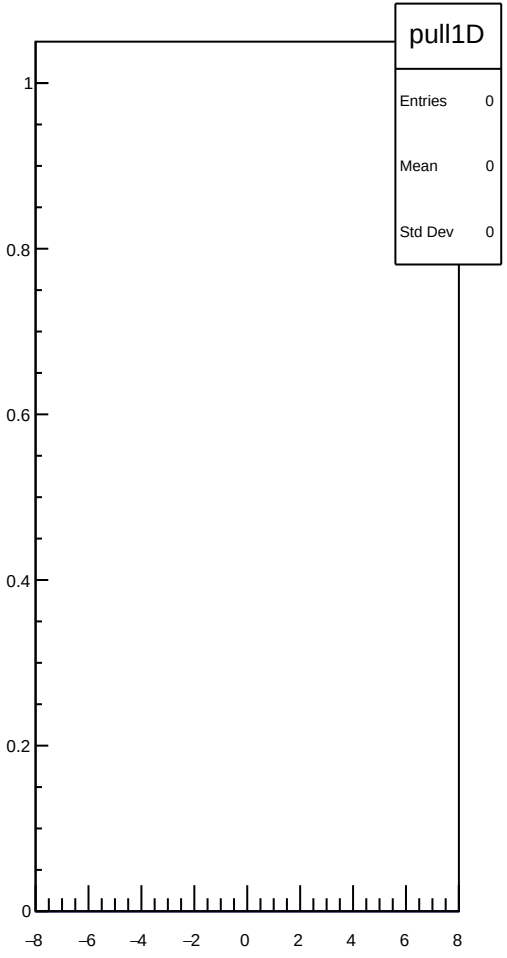

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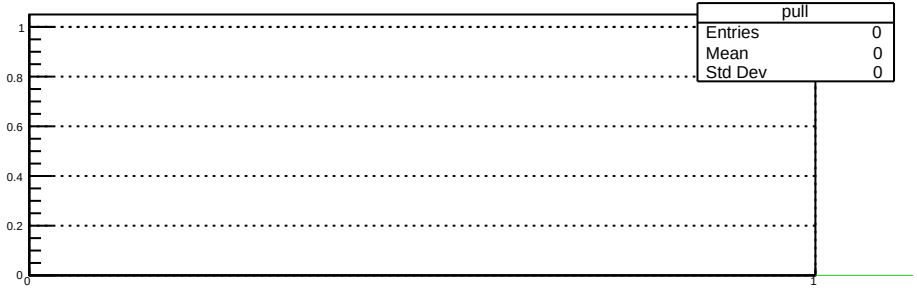

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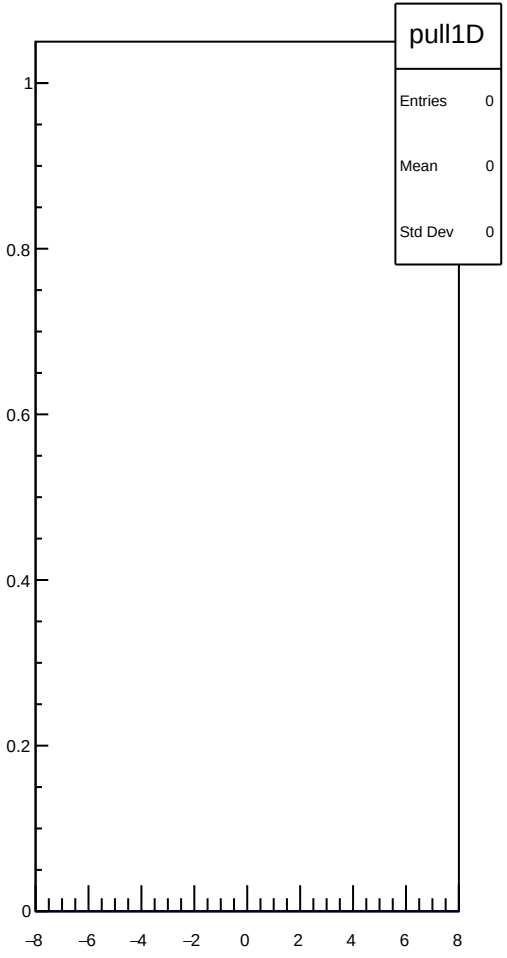

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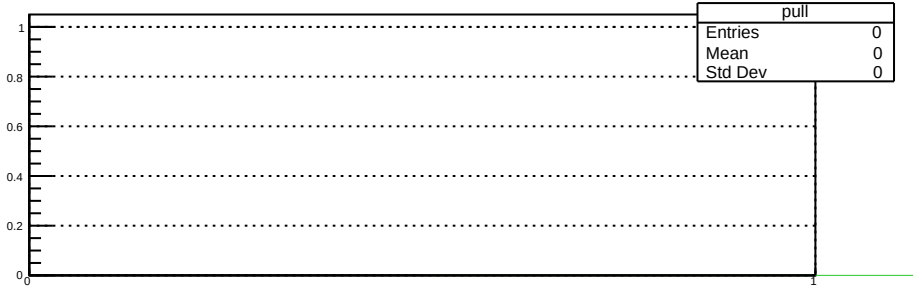

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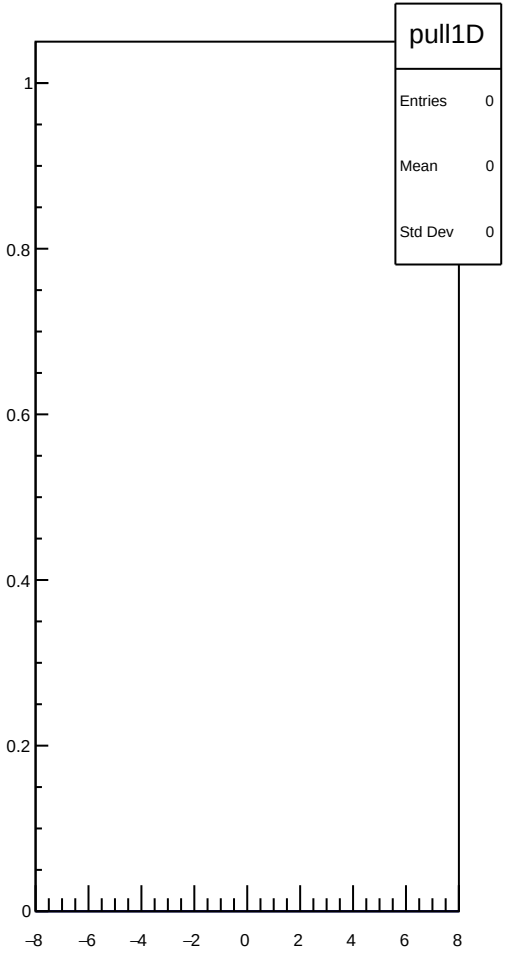

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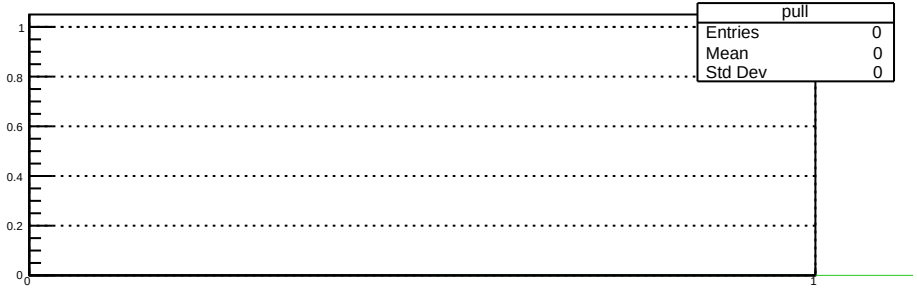

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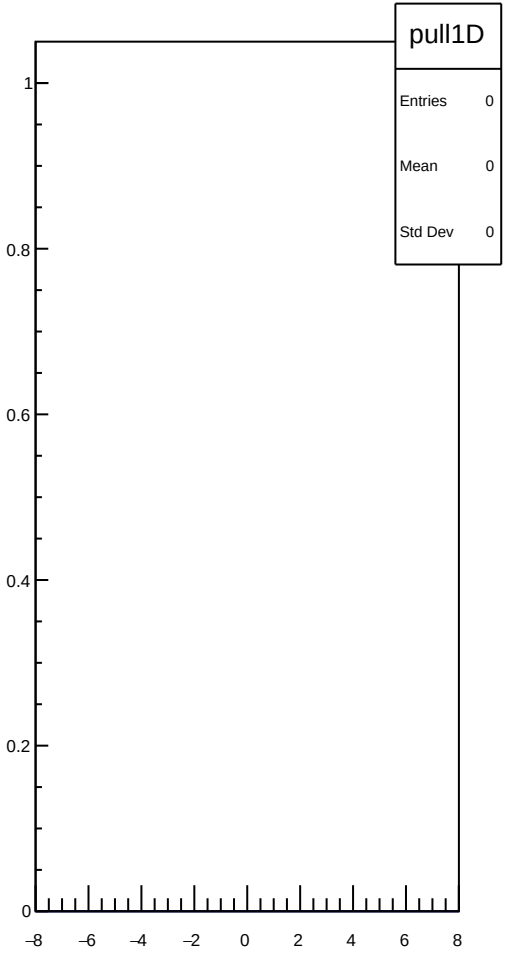

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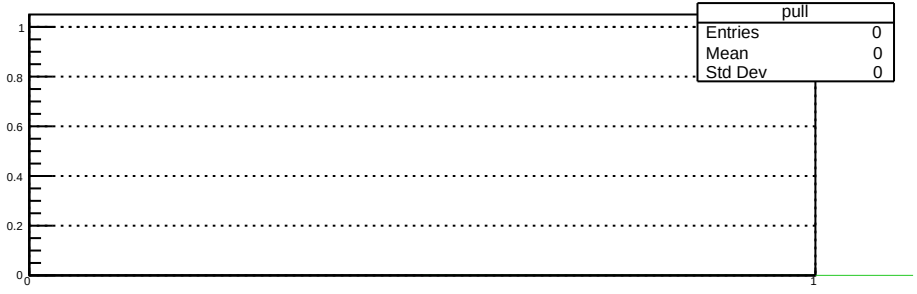

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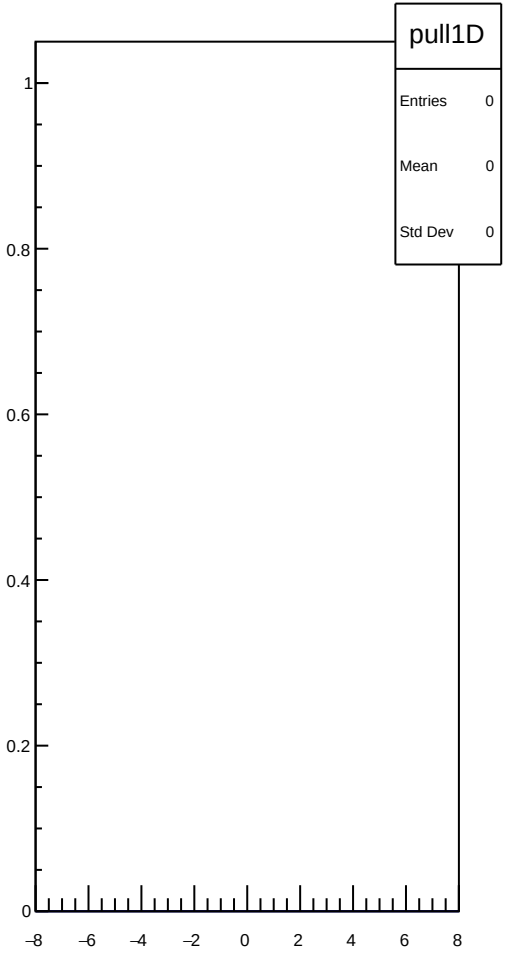

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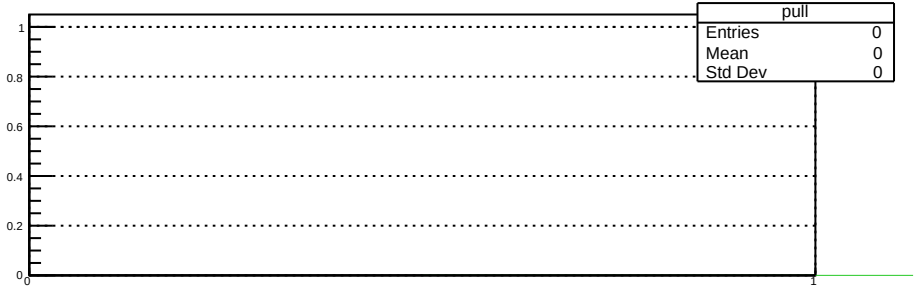

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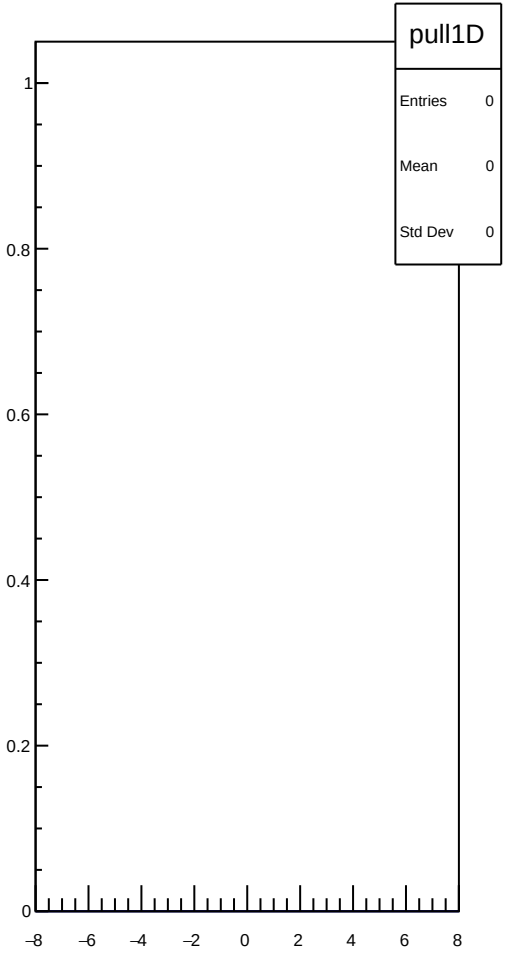

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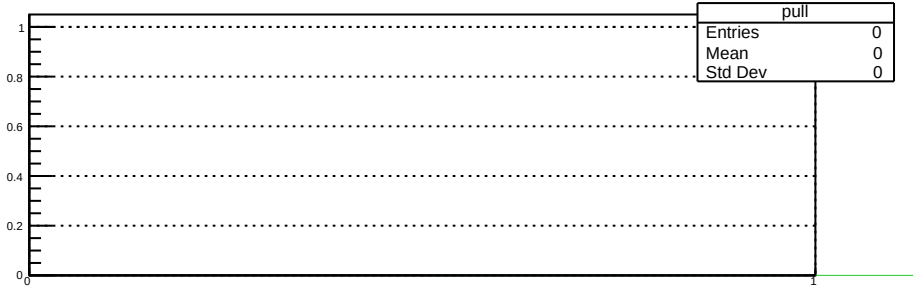

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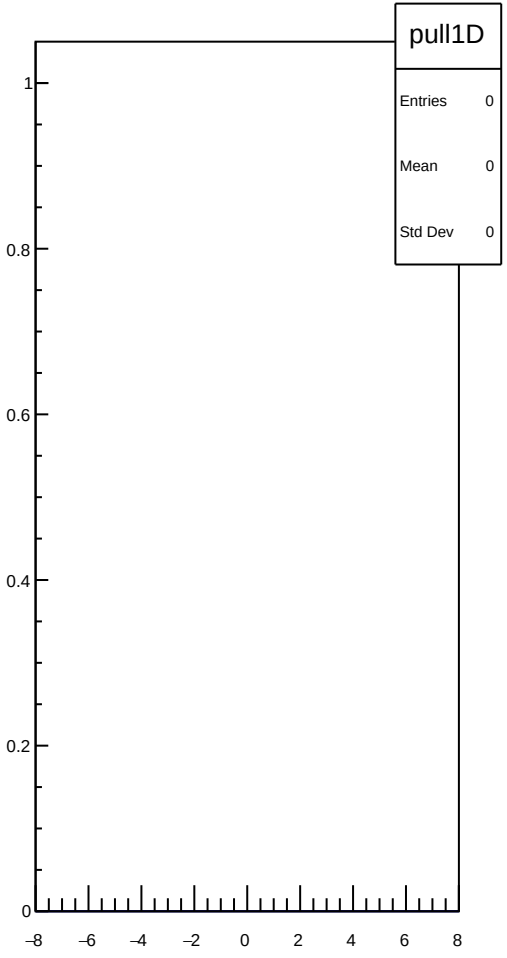

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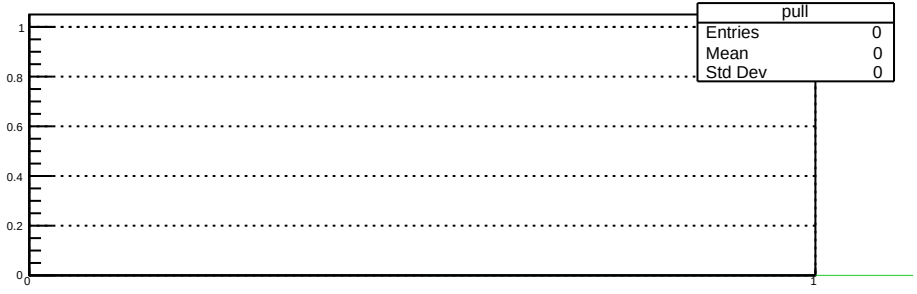

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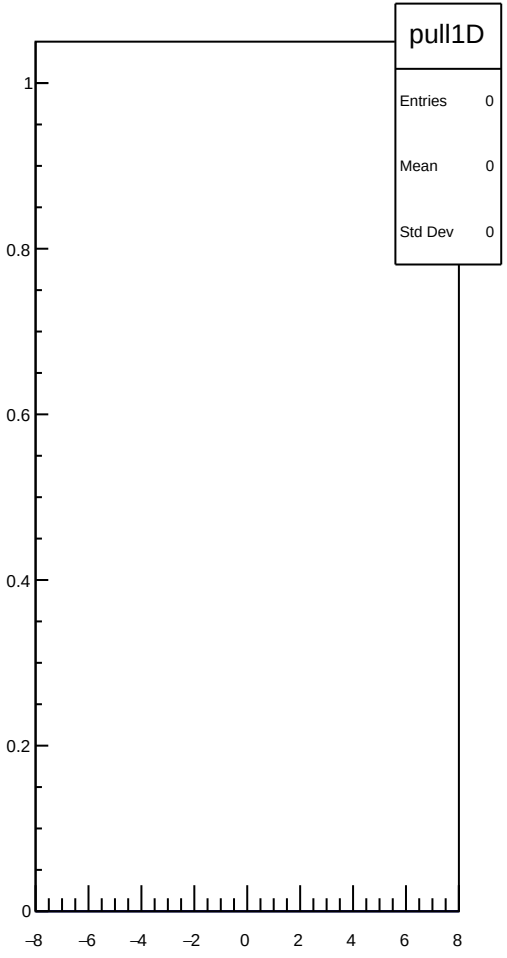

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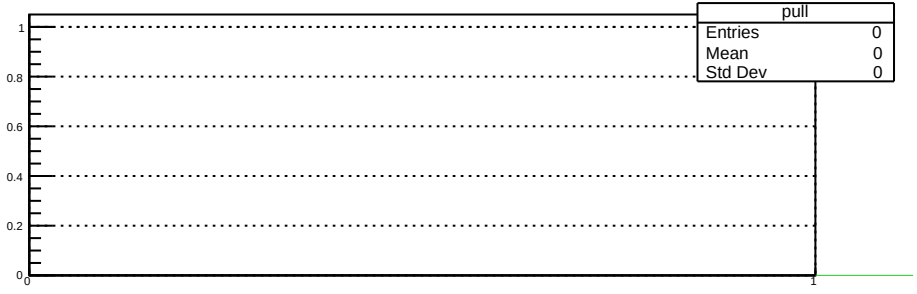

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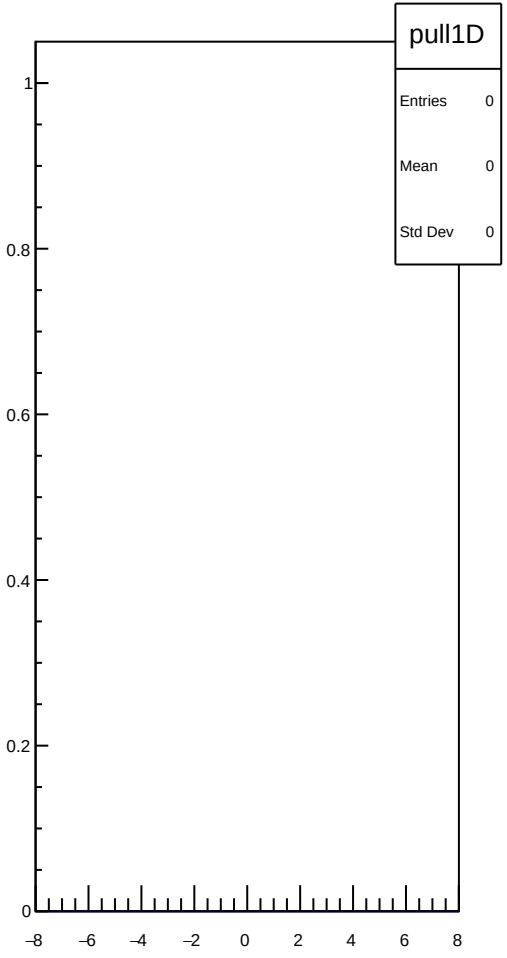

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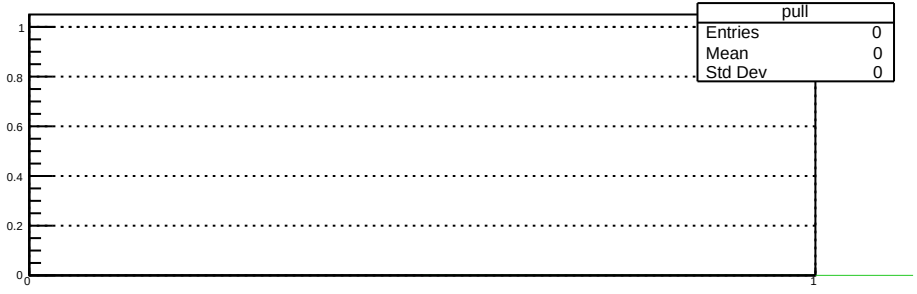

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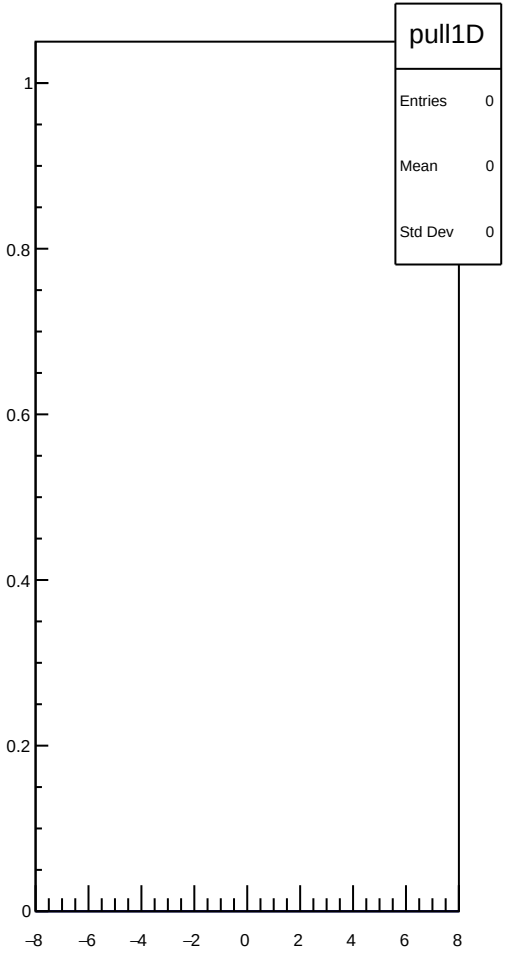

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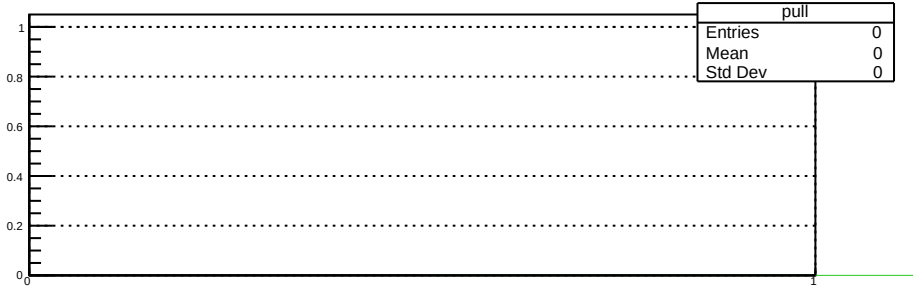

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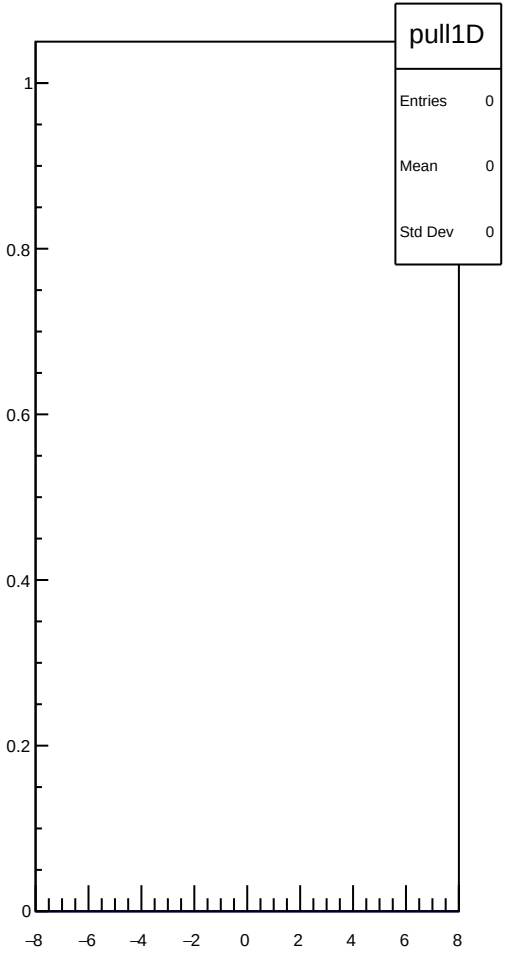

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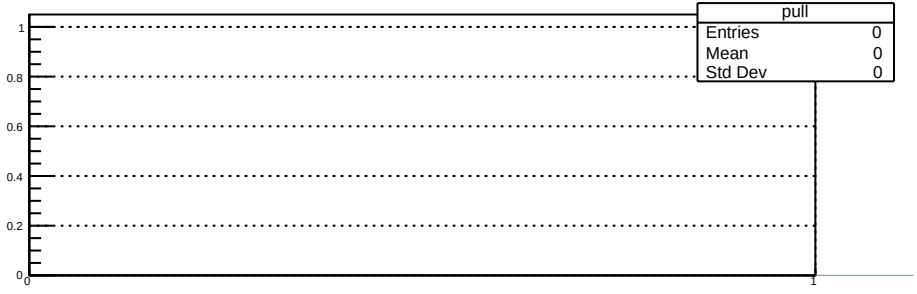

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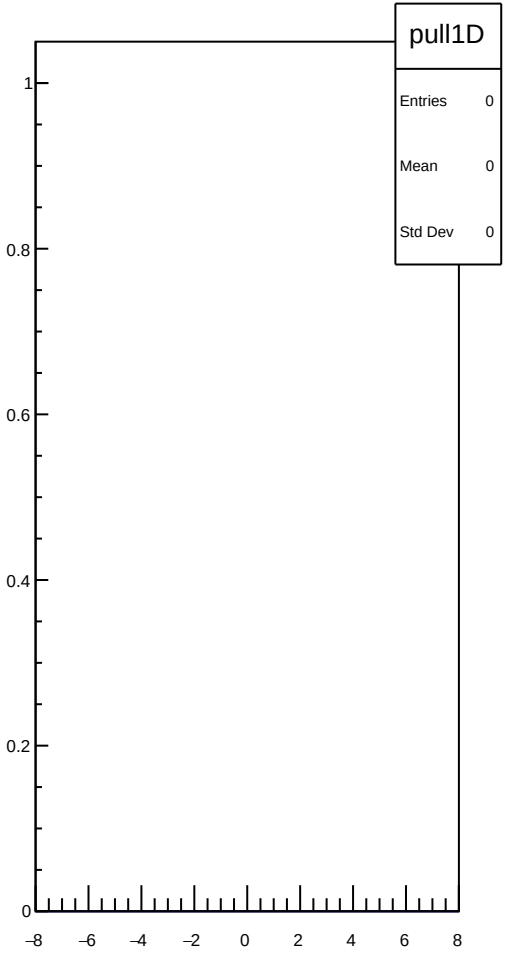

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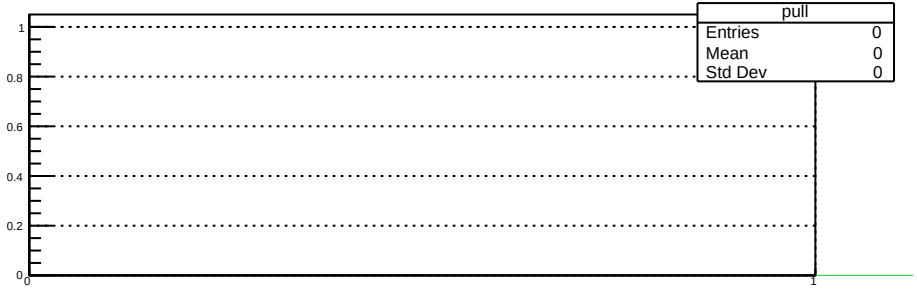

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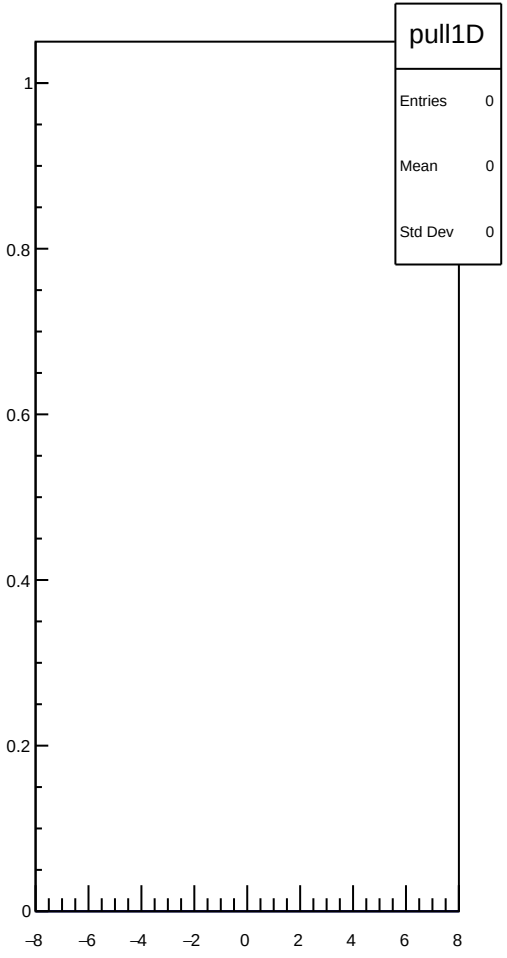

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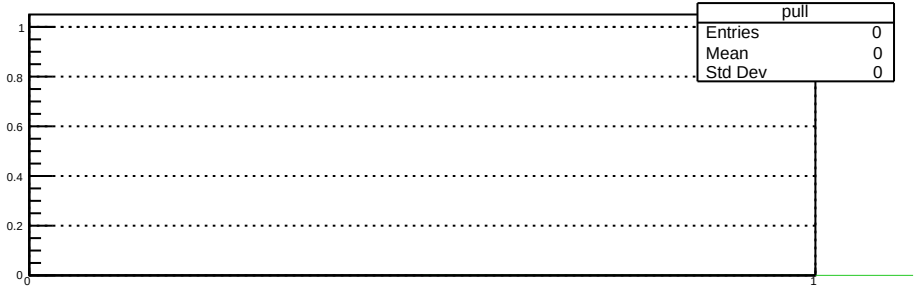

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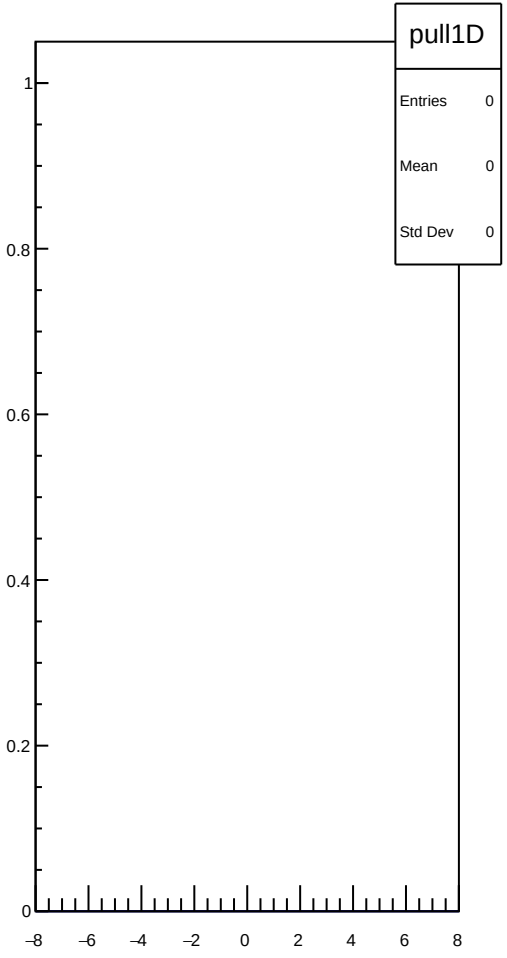

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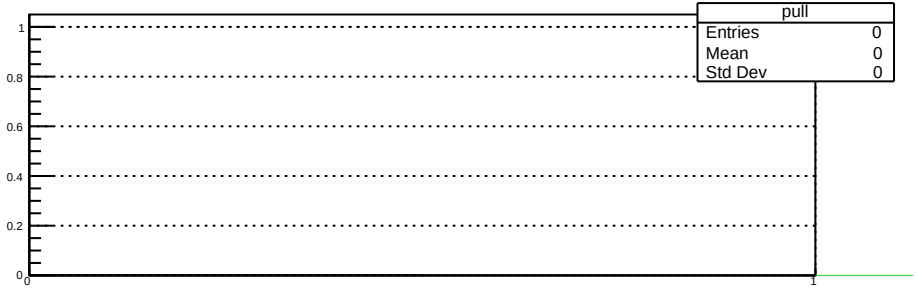

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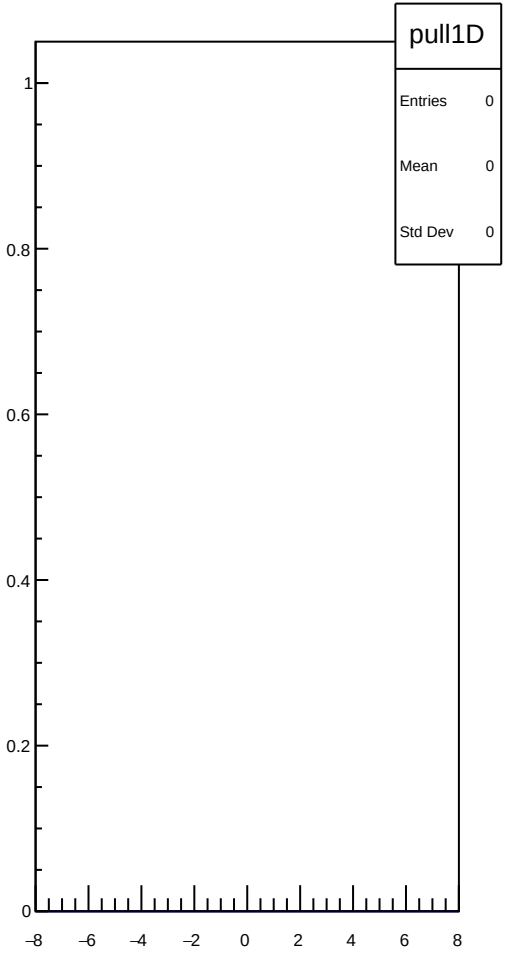

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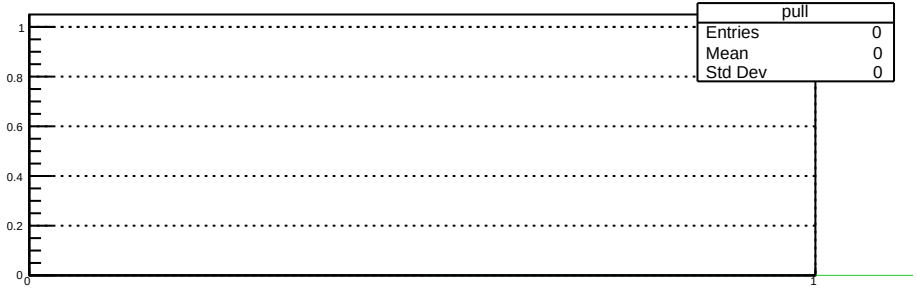

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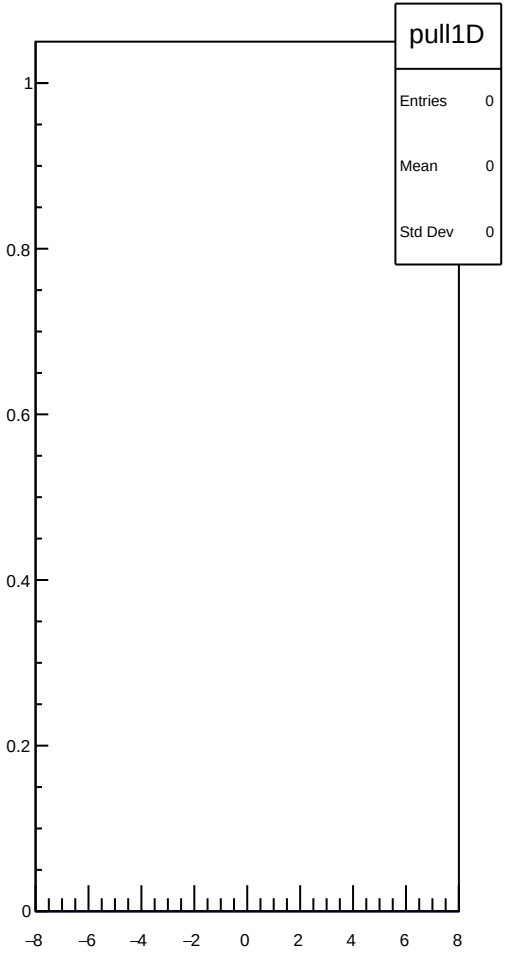

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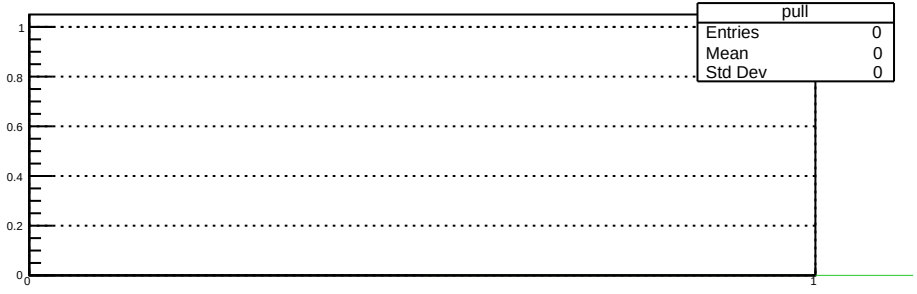

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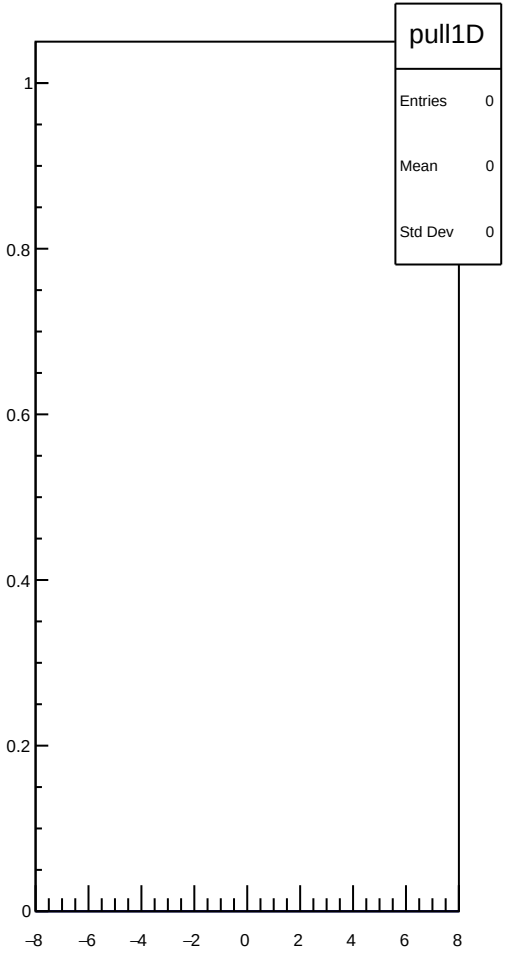

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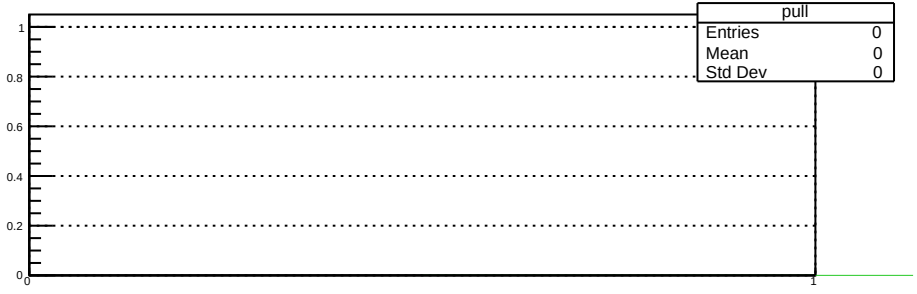

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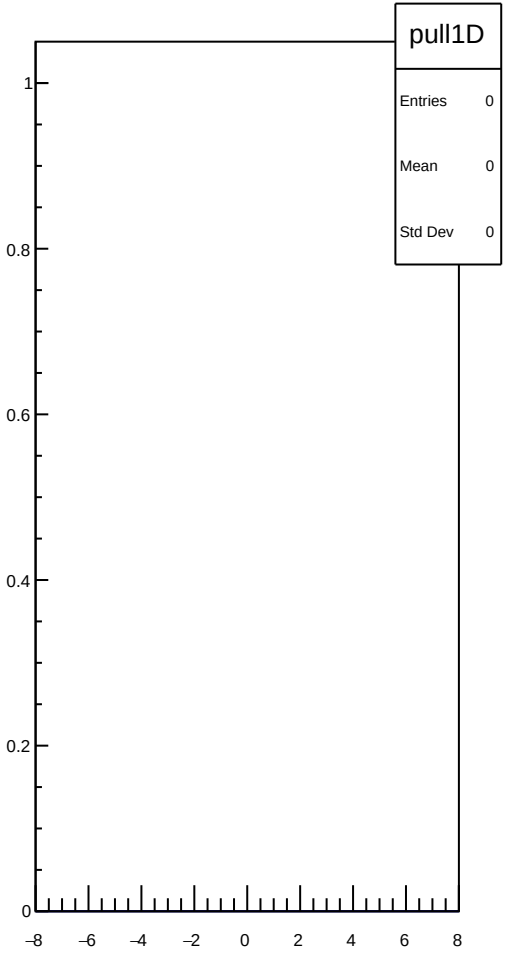

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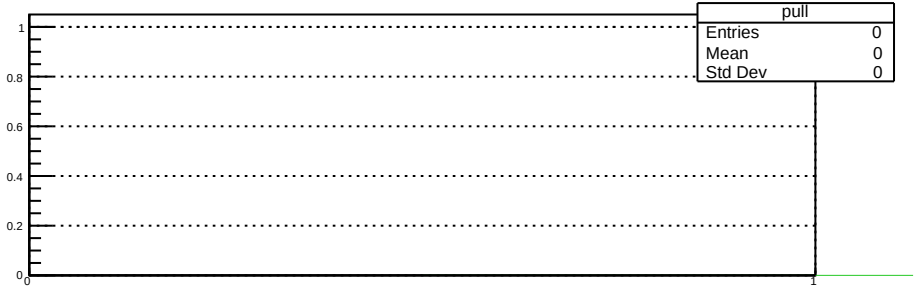

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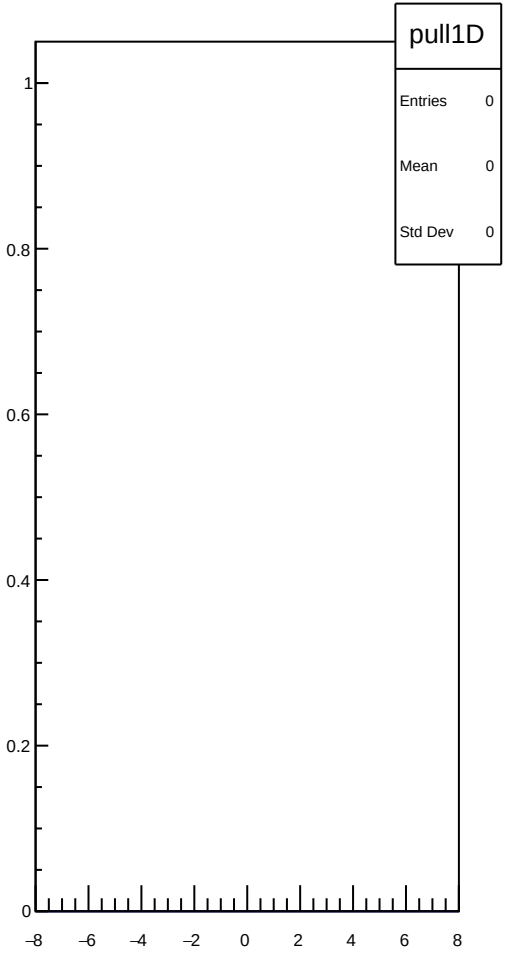

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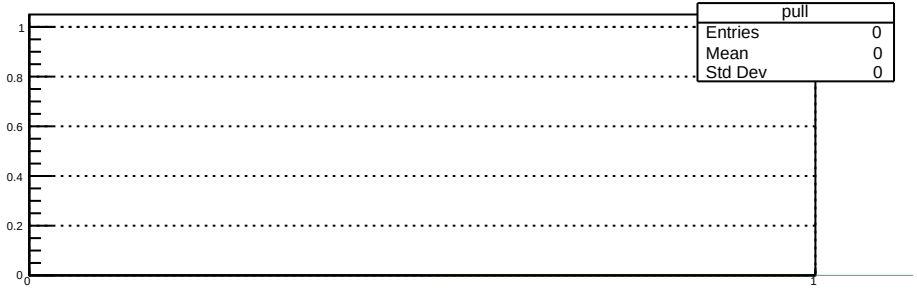

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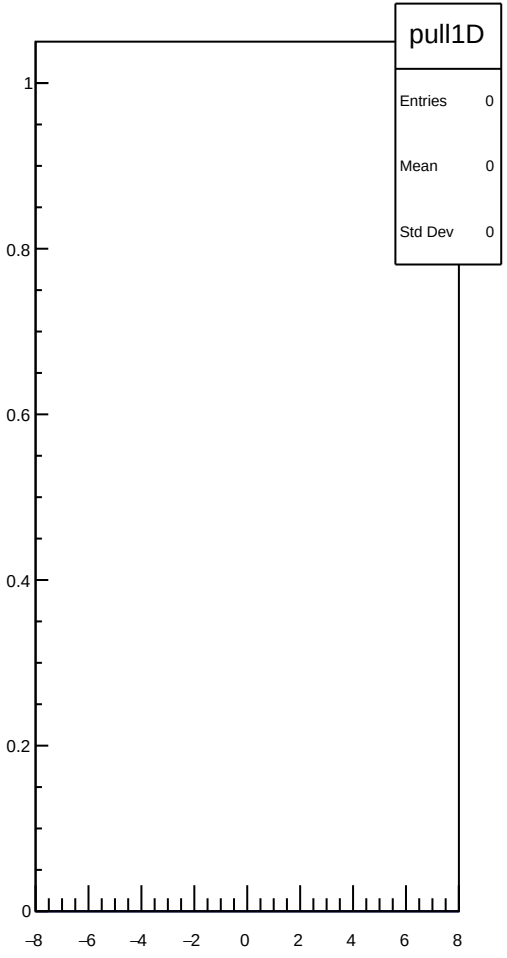

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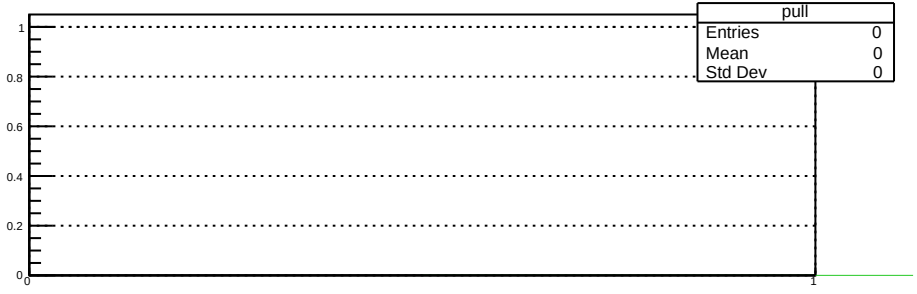

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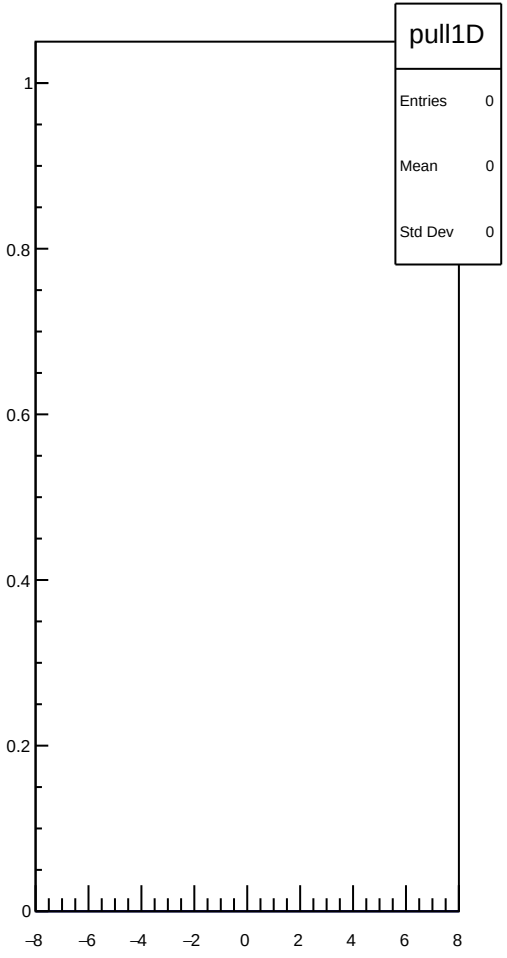

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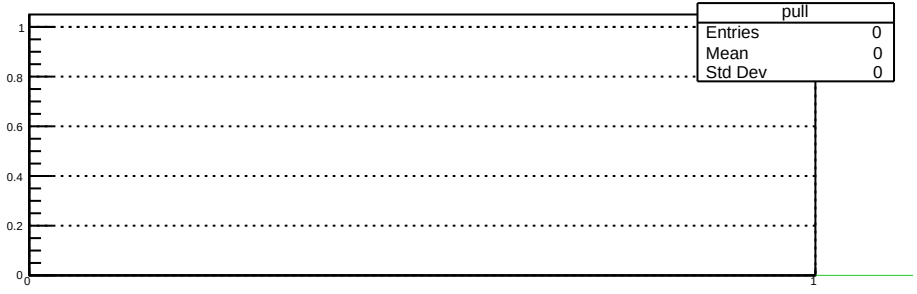

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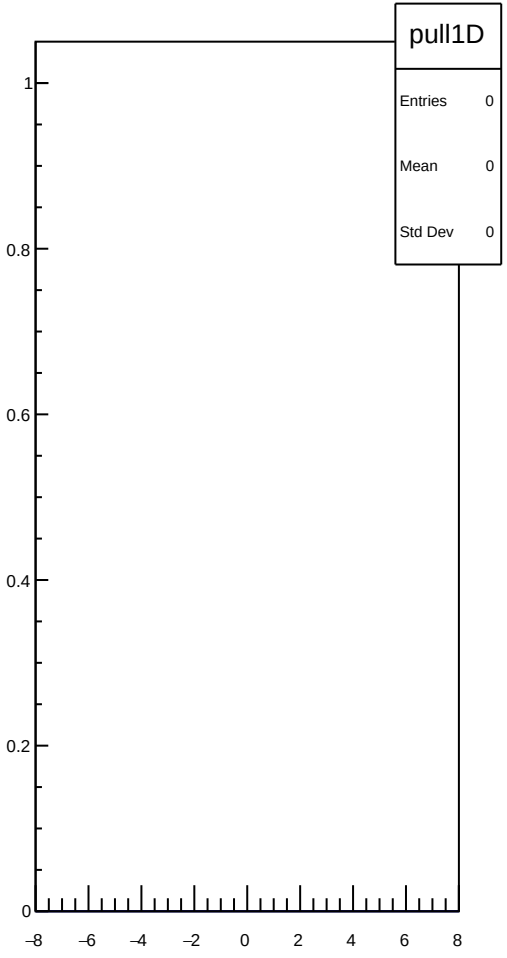

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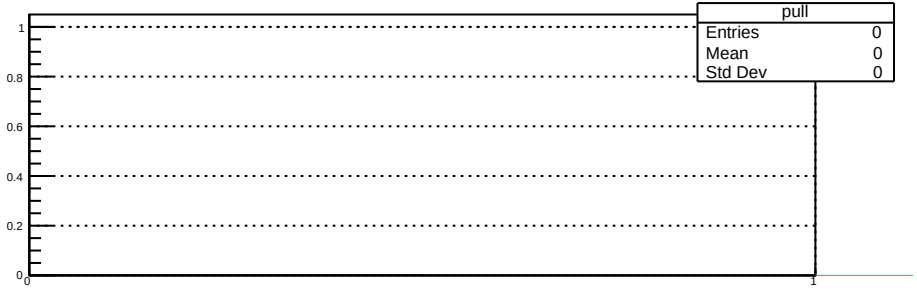

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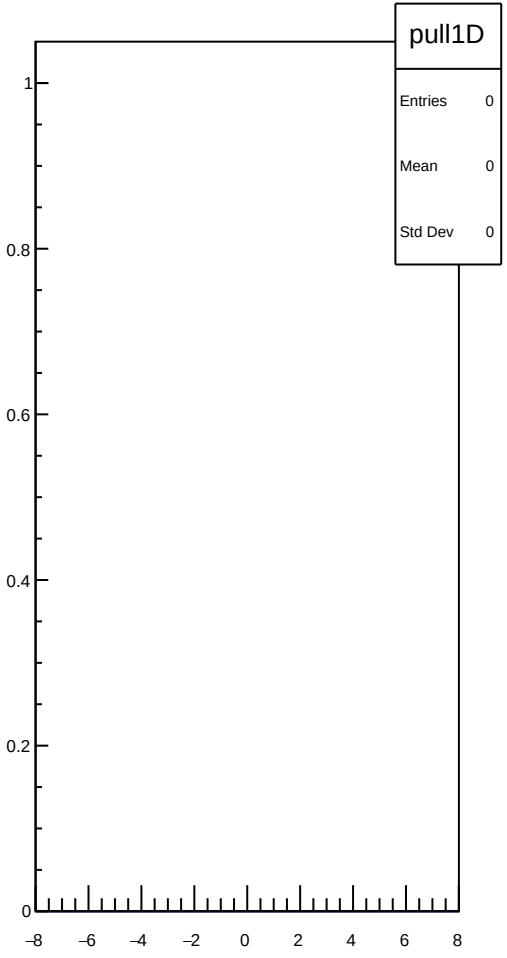

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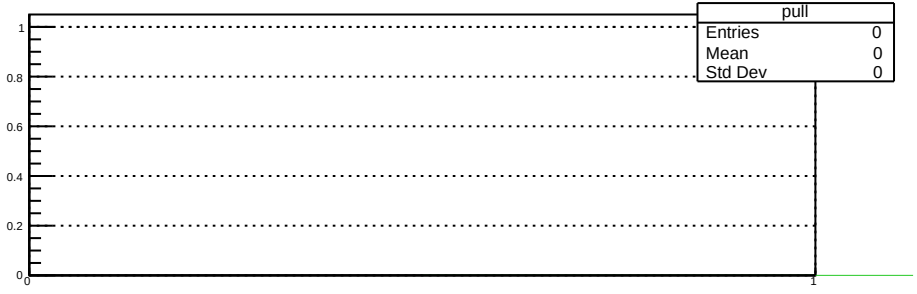

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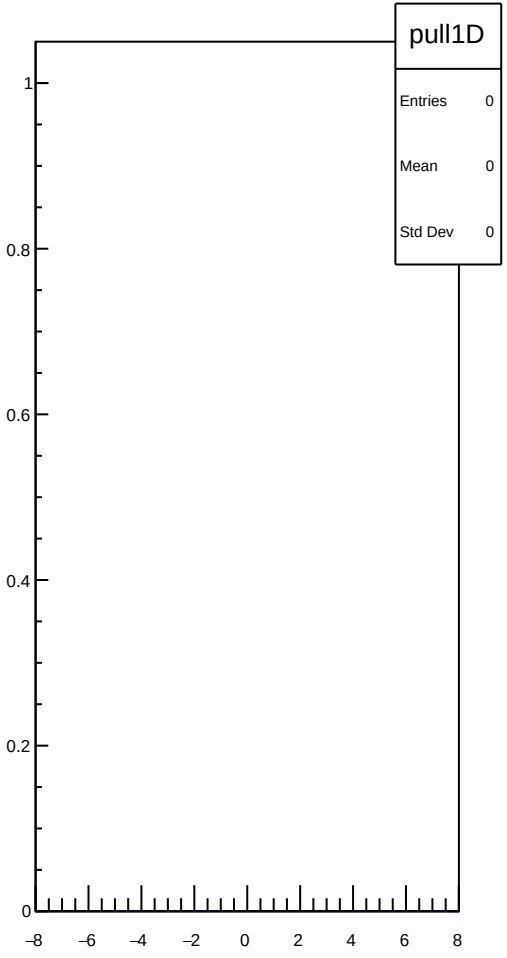

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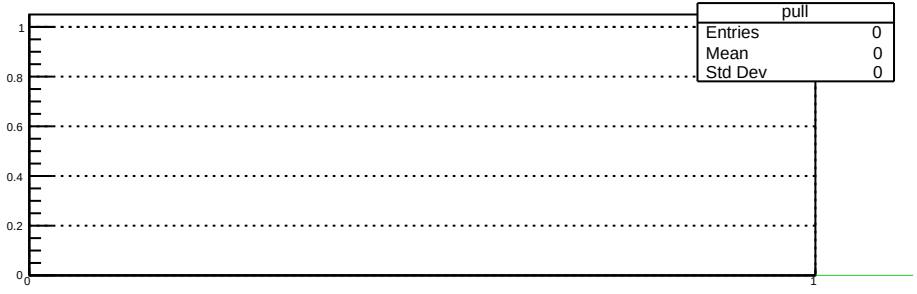

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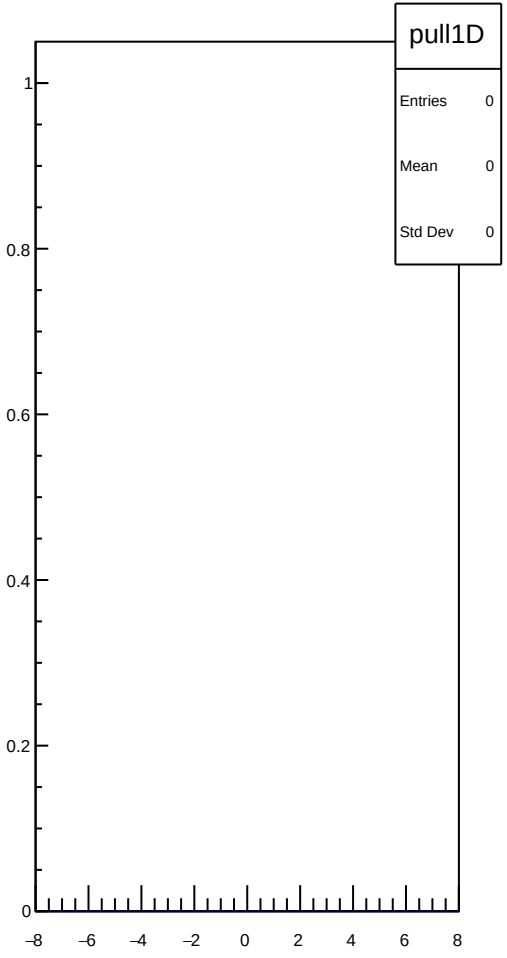

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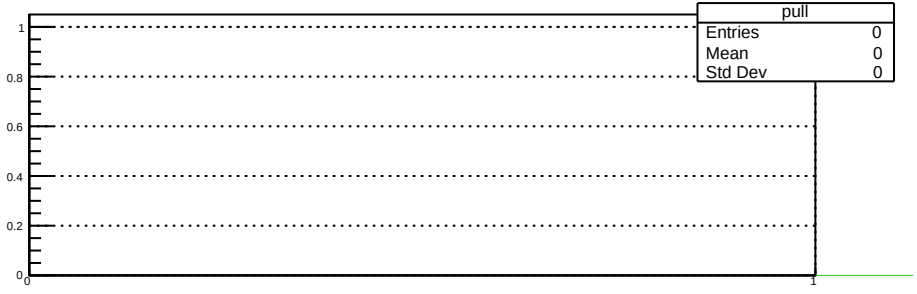

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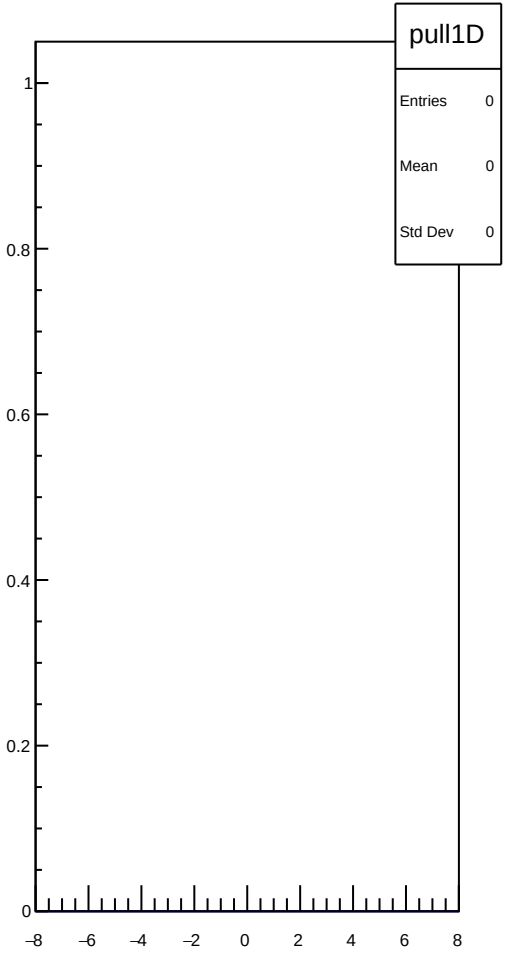

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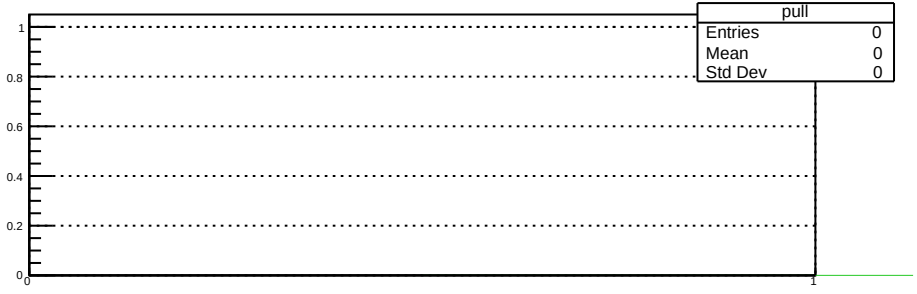

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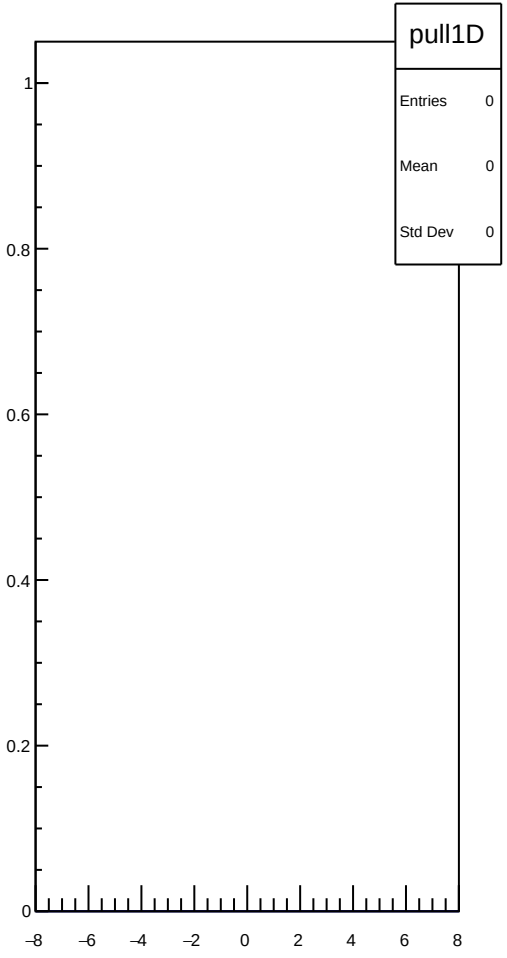

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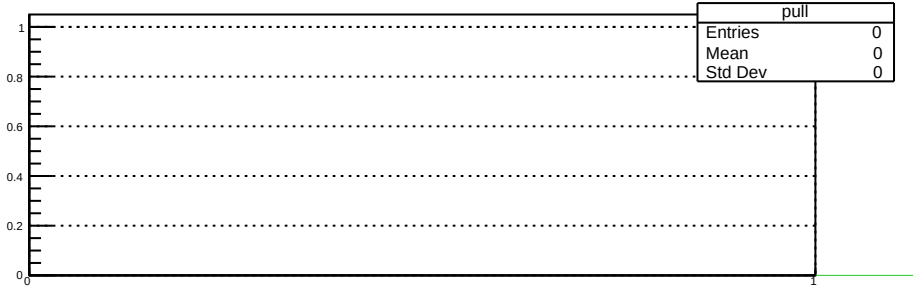

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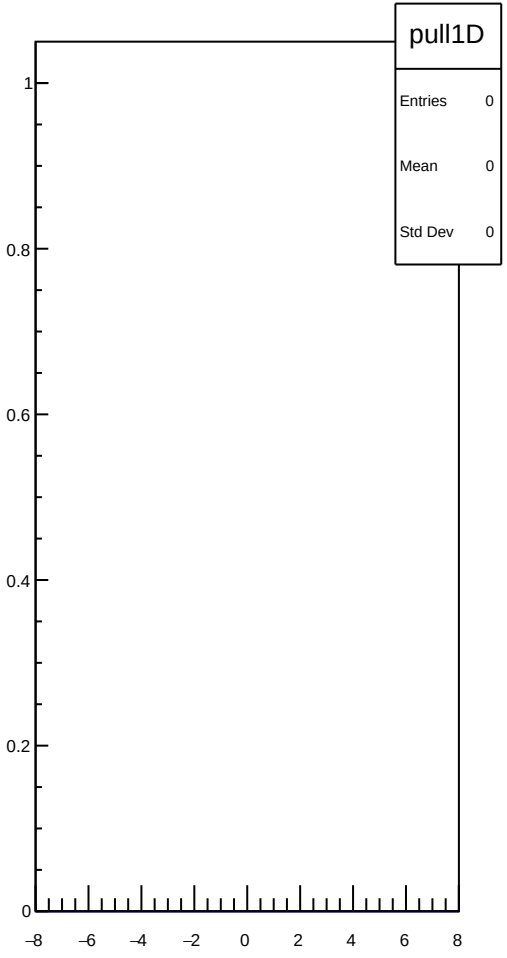

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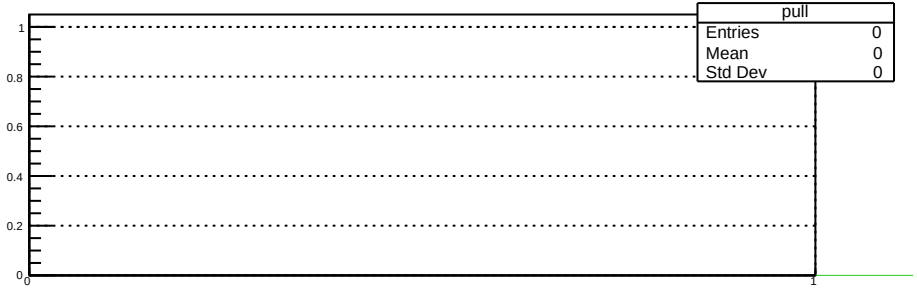

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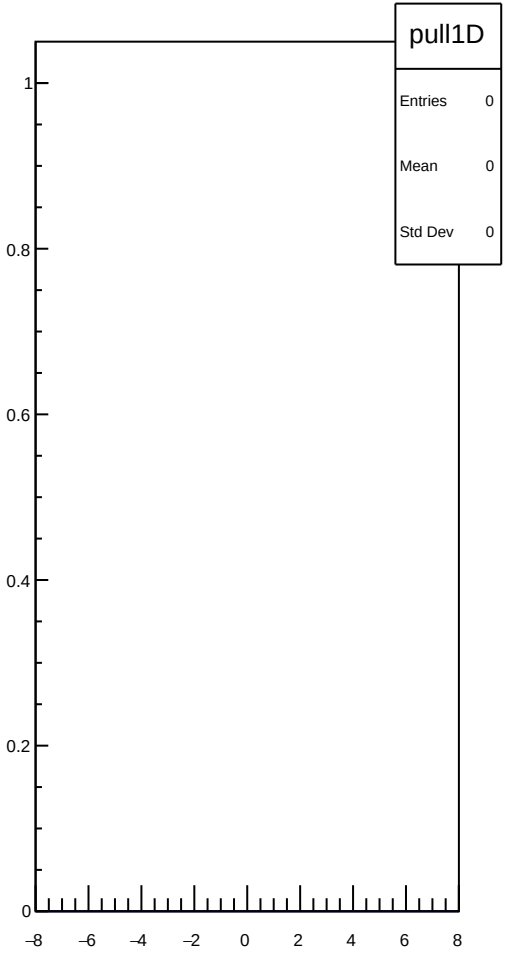

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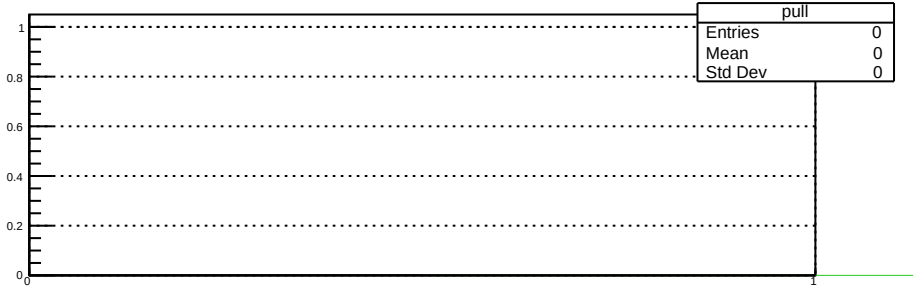

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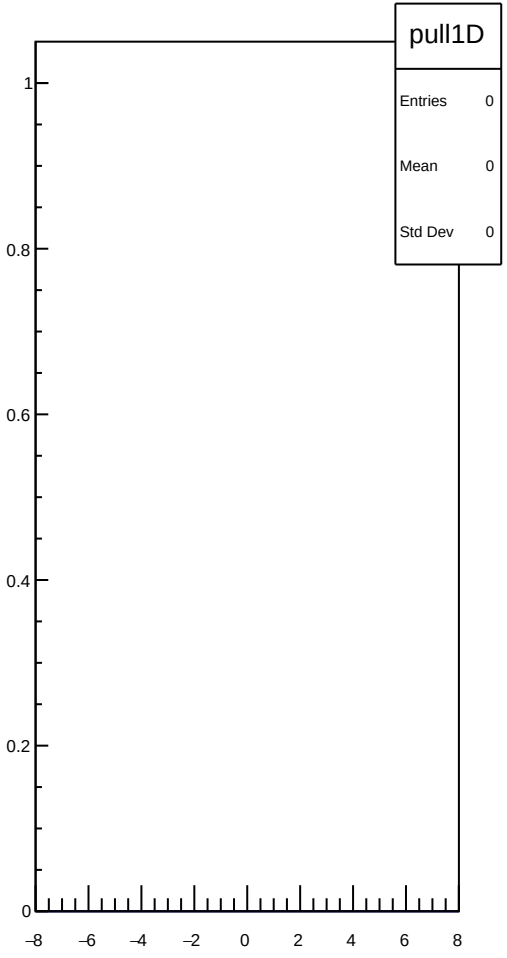

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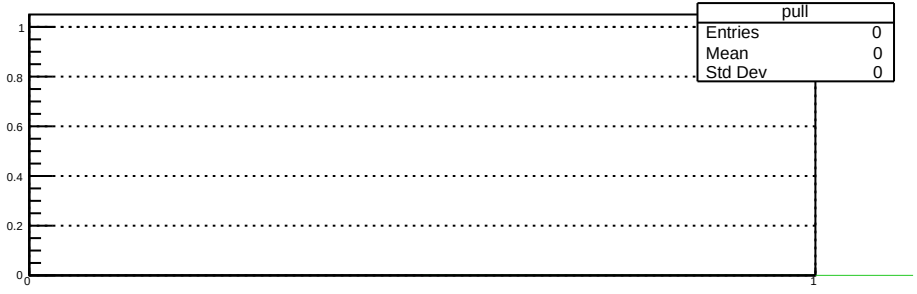

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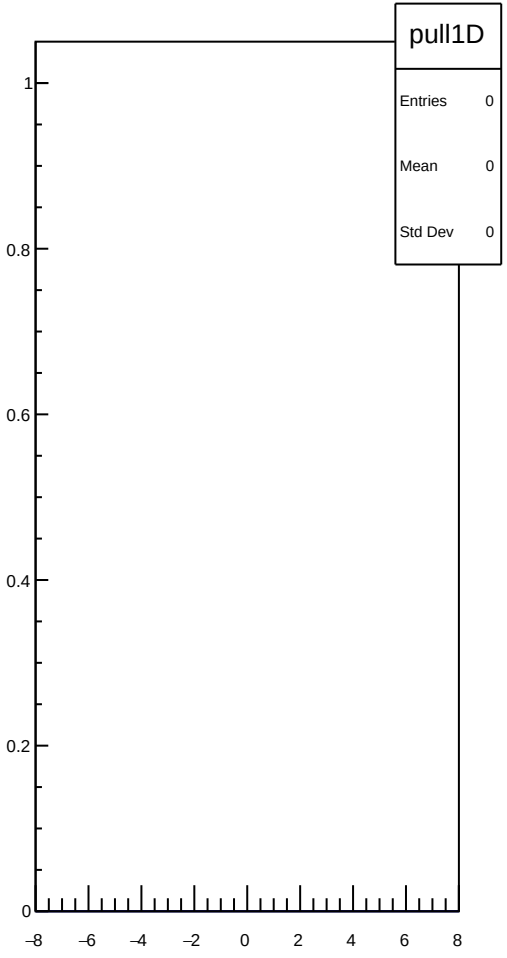

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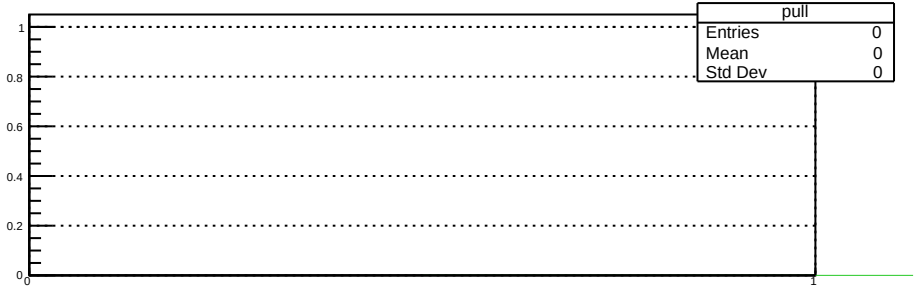

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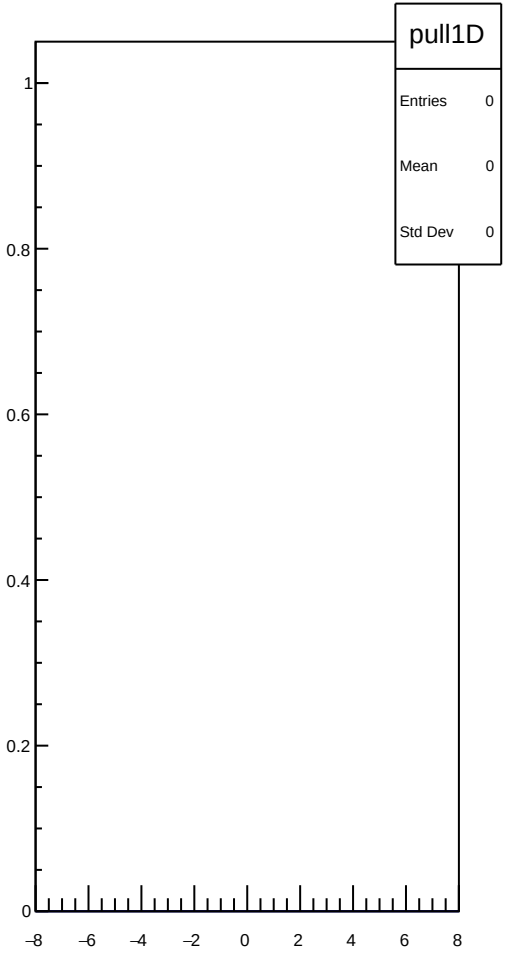

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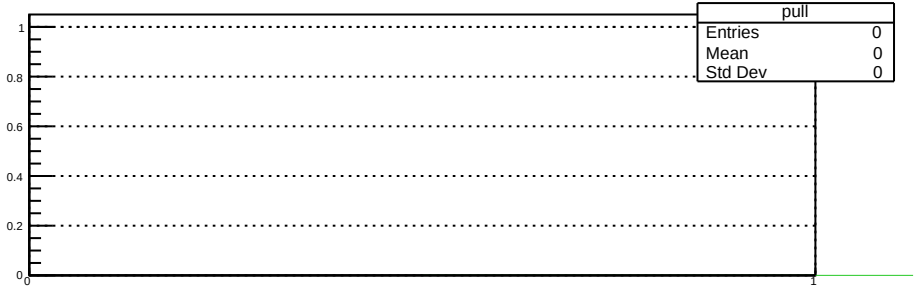

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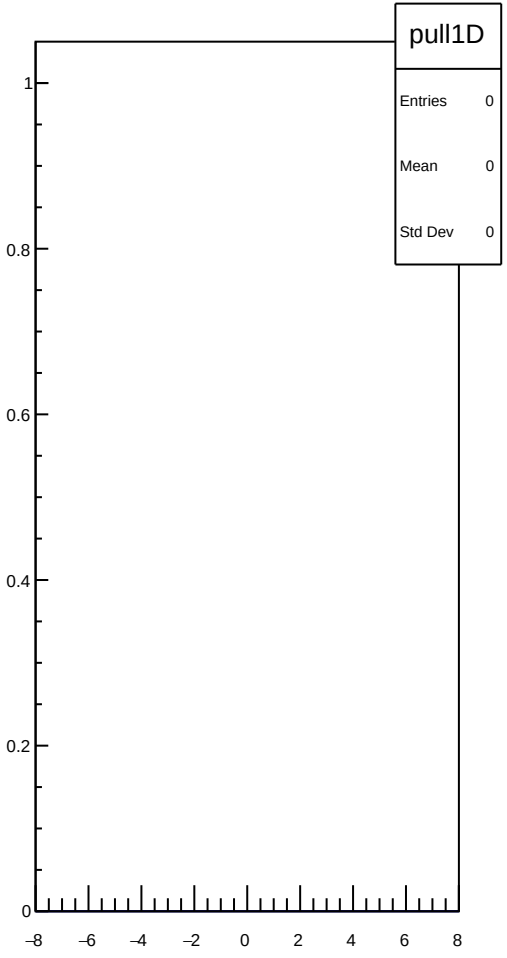

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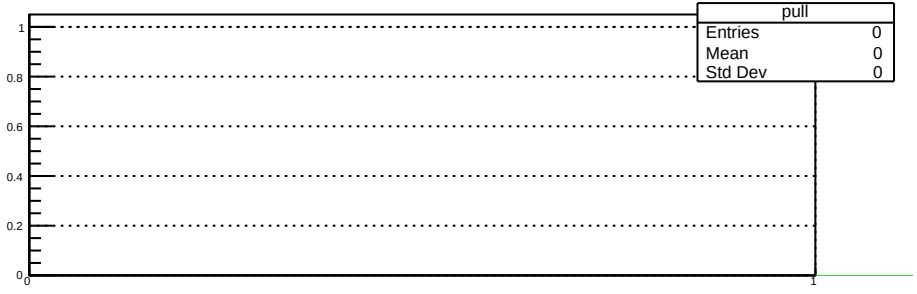

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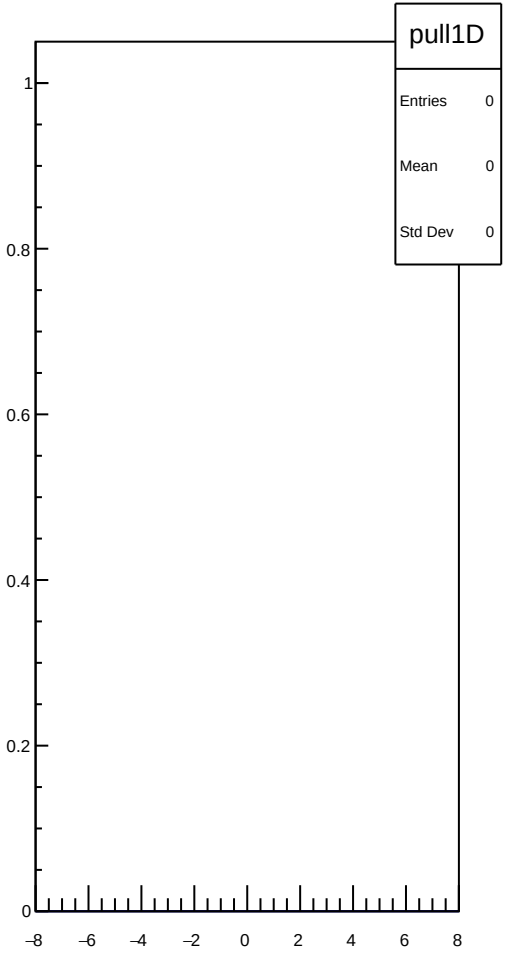

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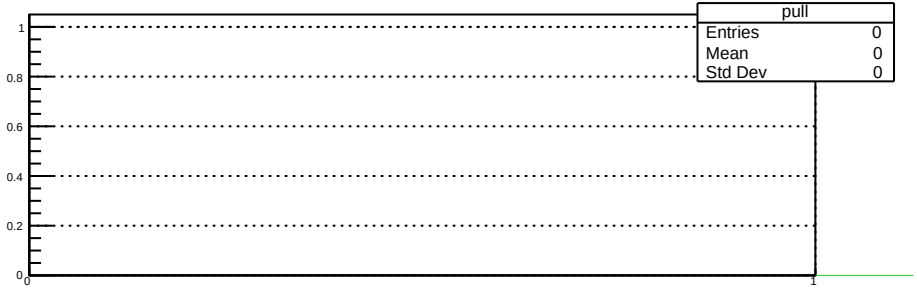

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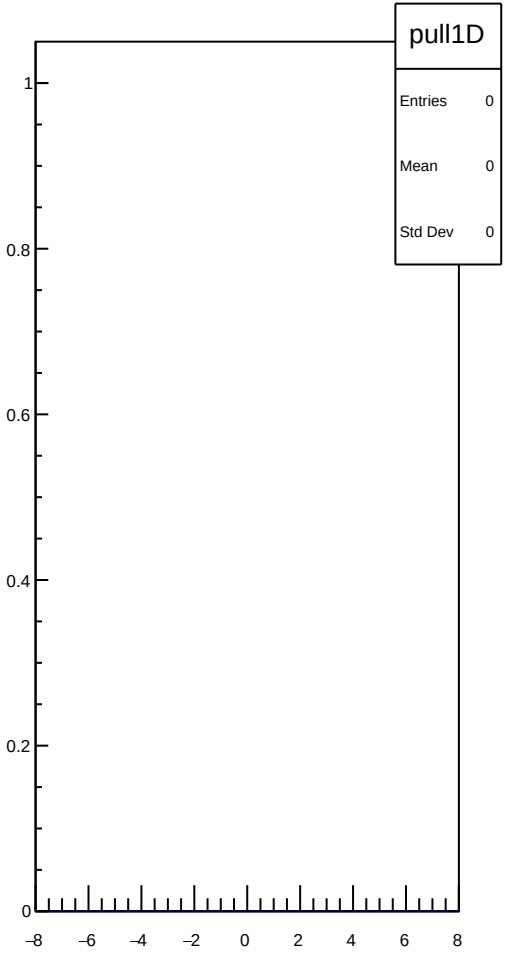

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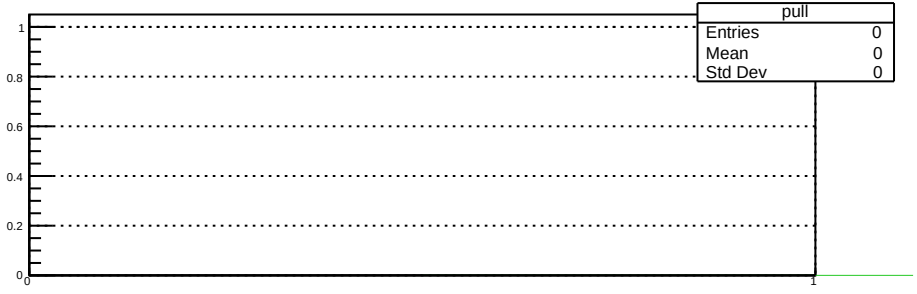

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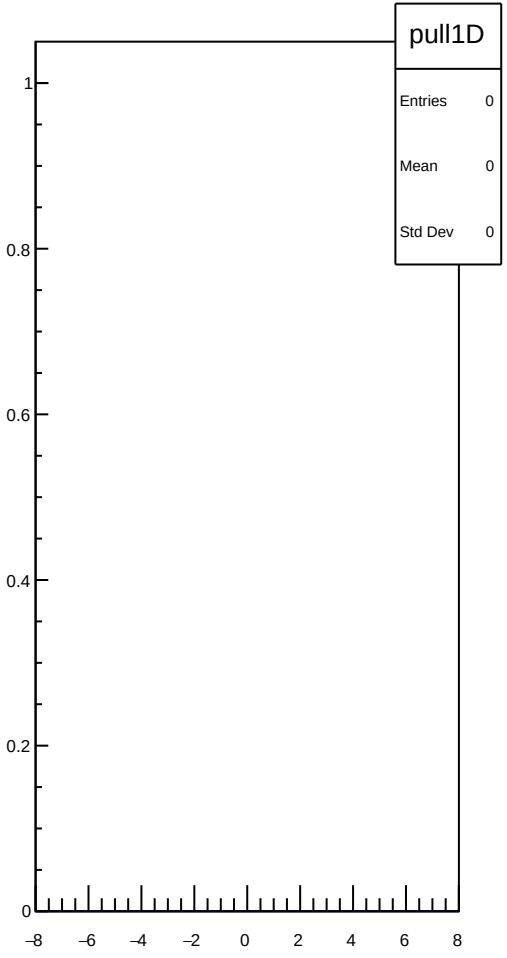

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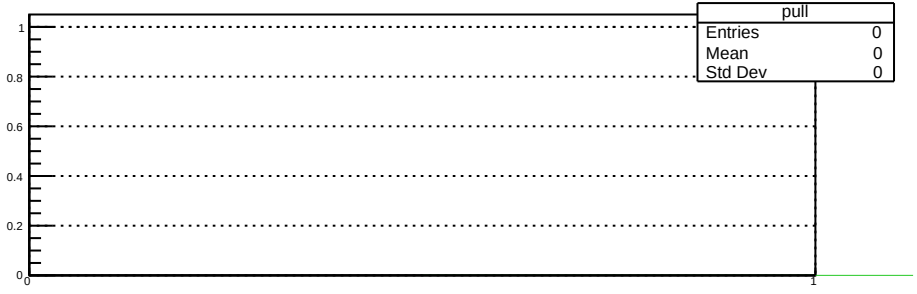

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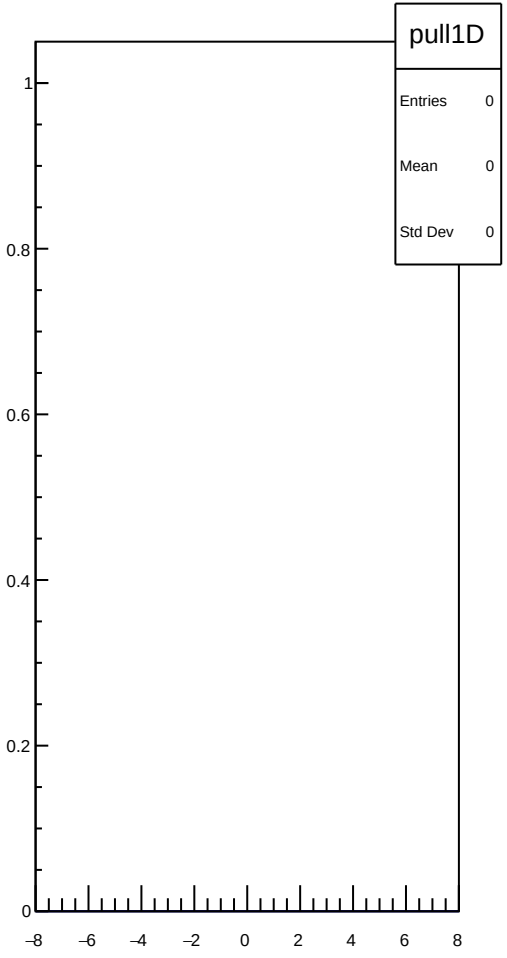

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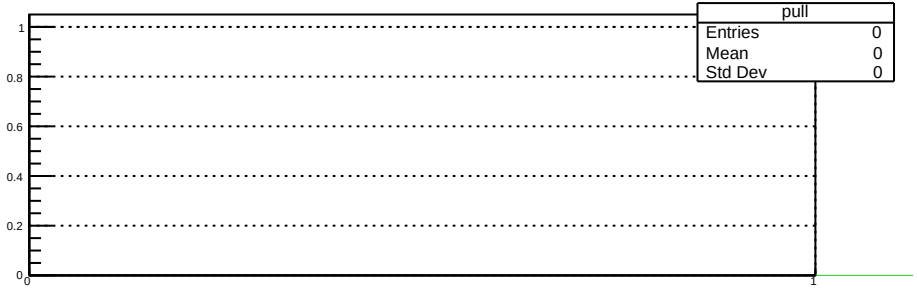

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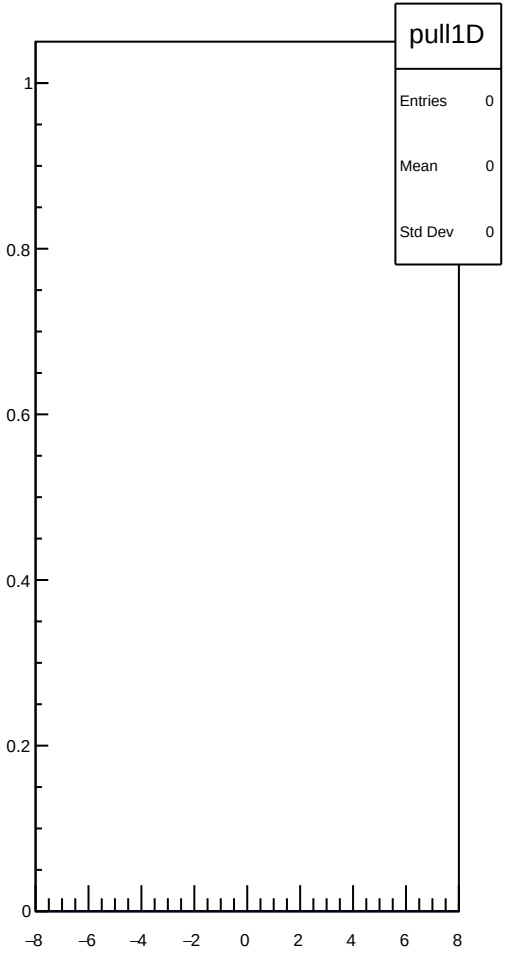

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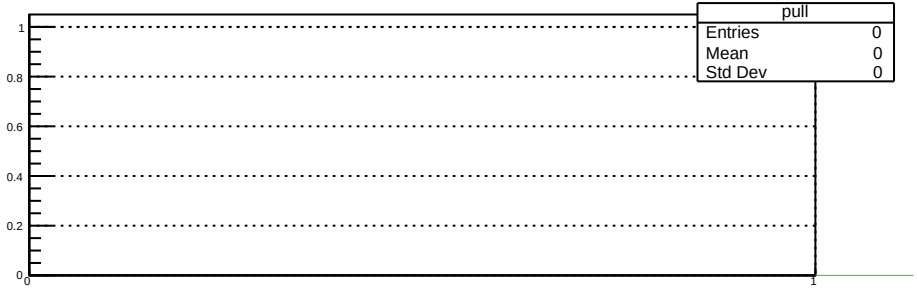

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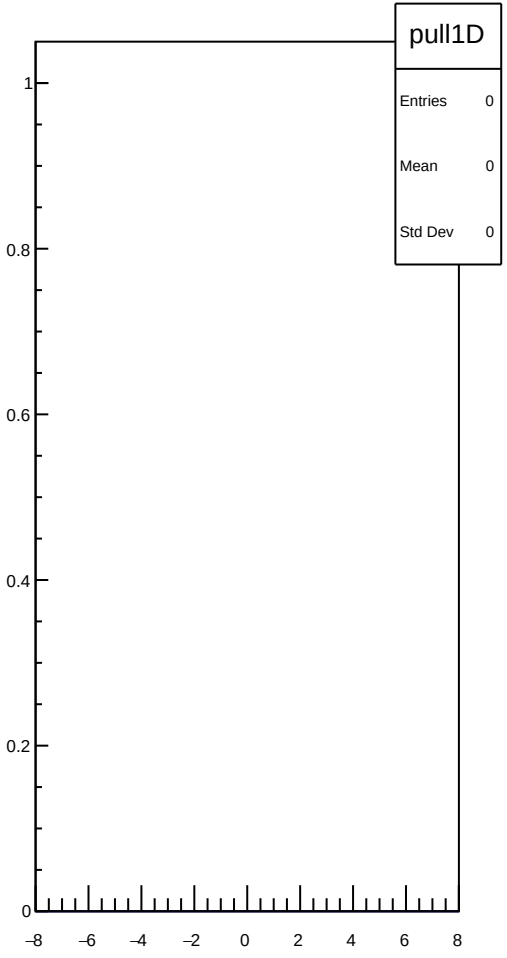

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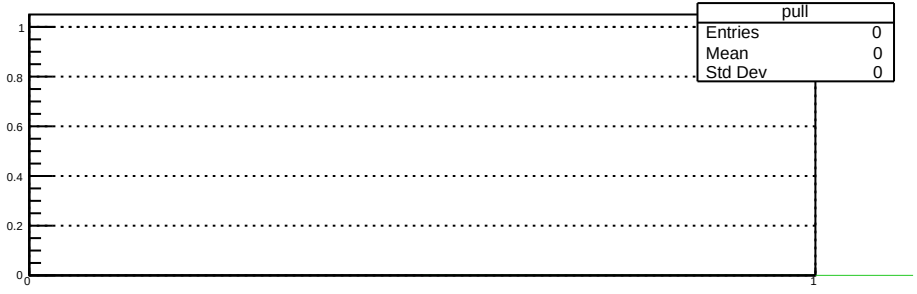

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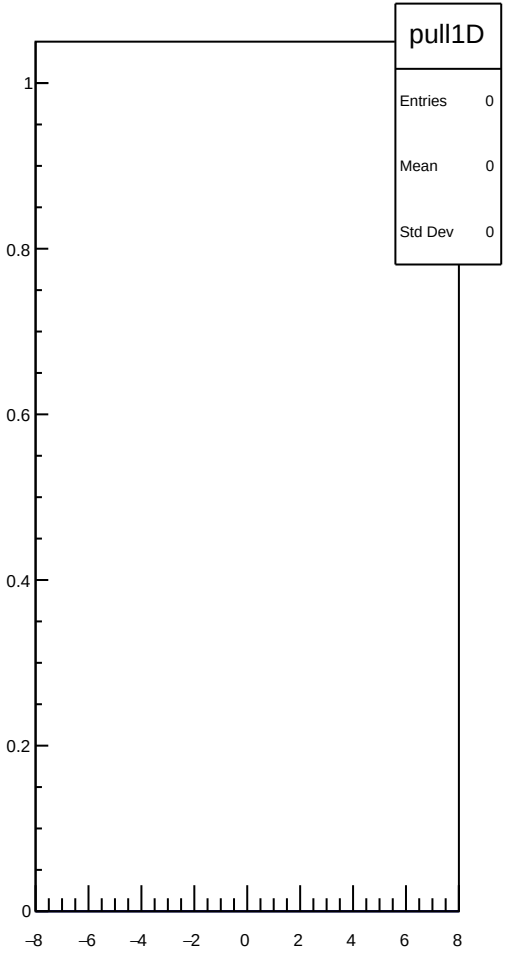

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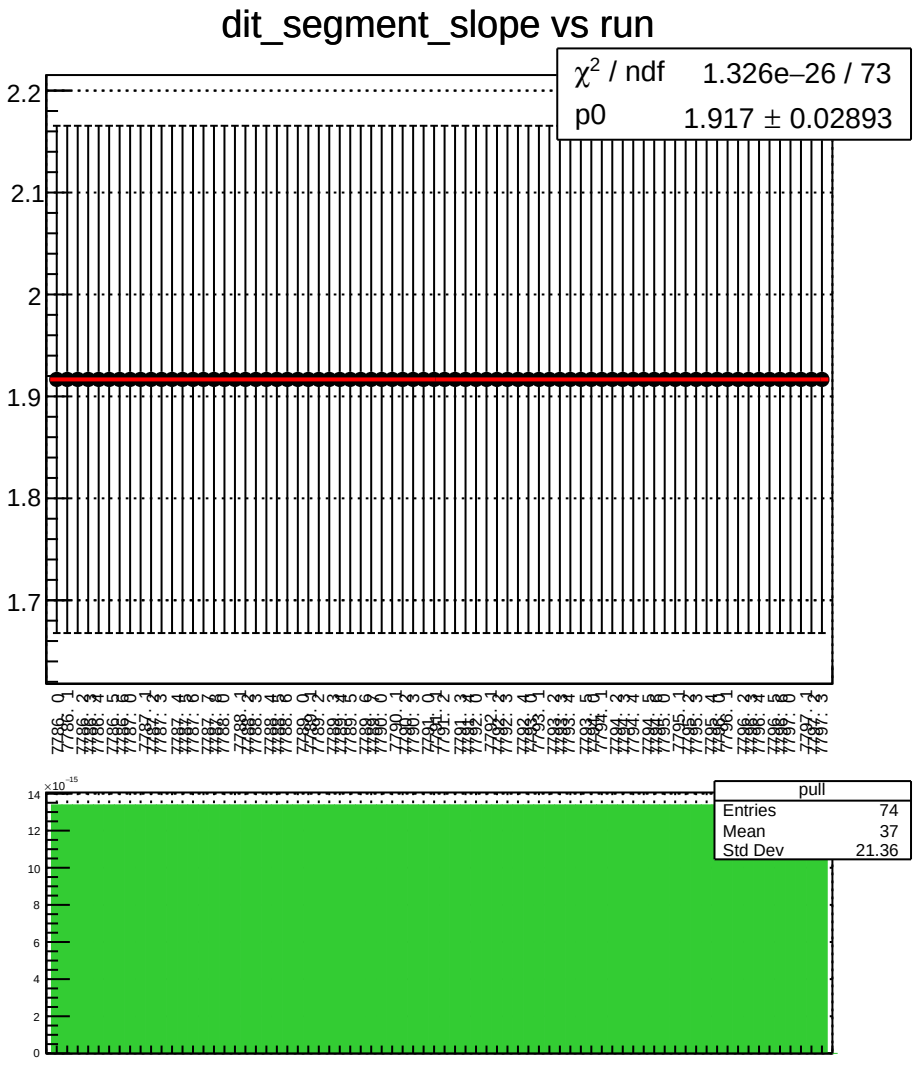

pull1D
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Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

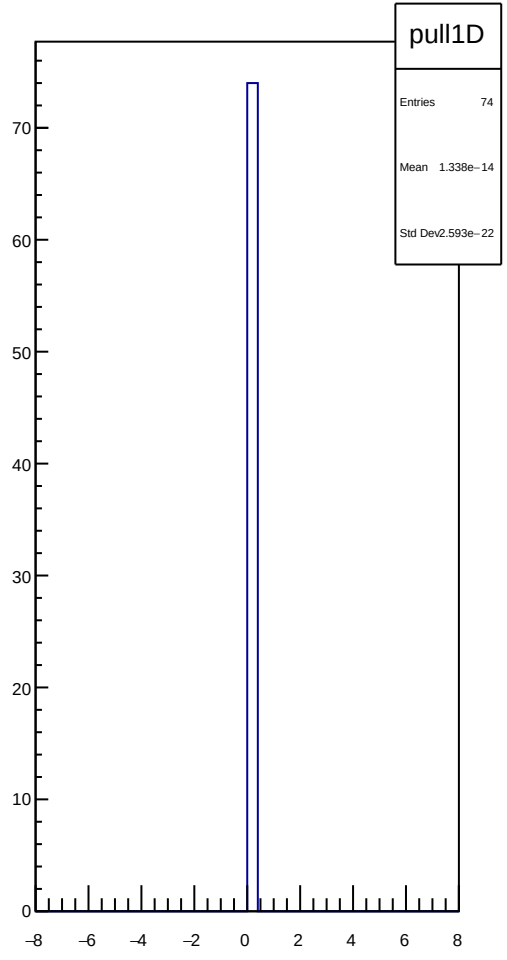

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

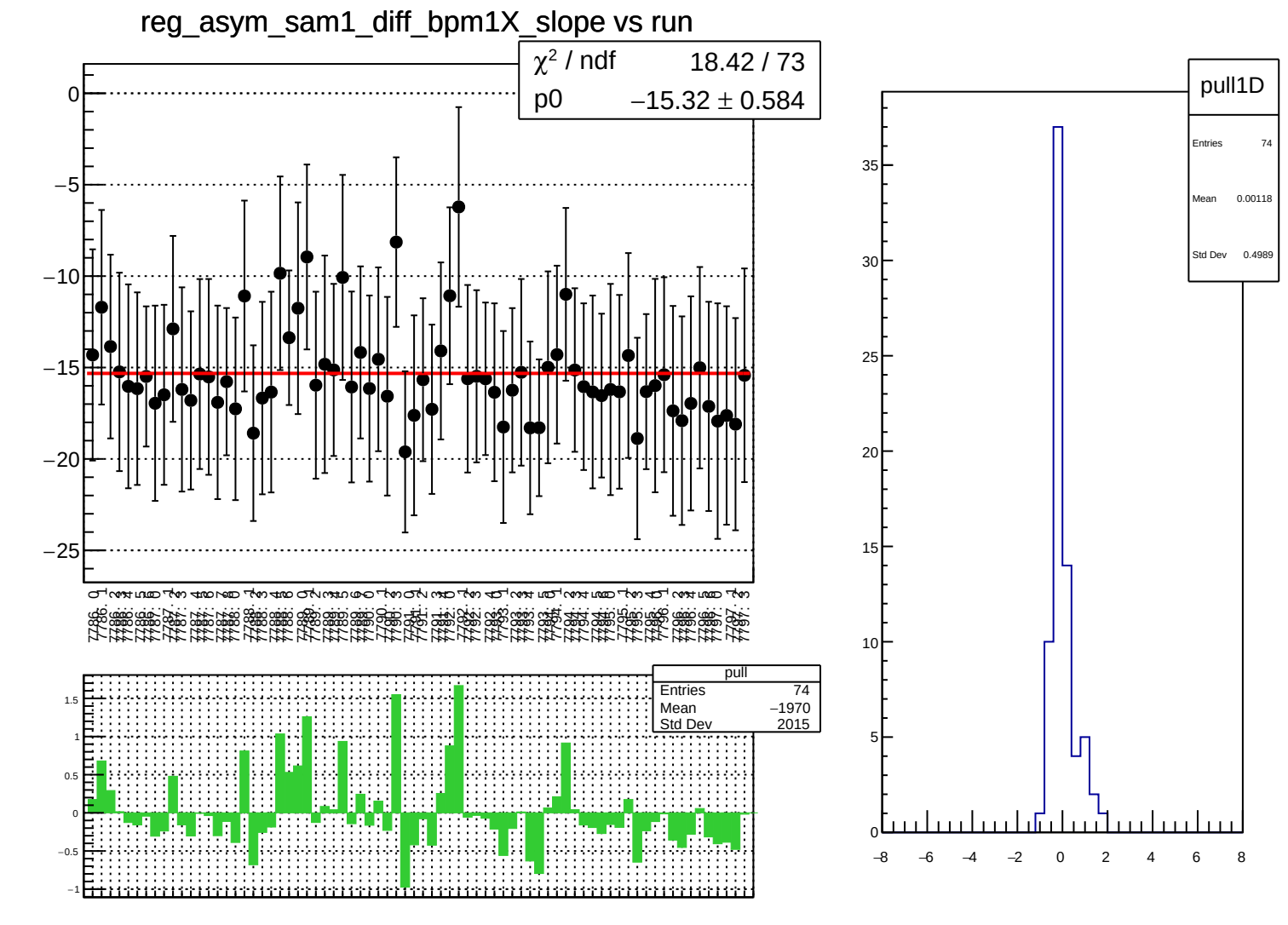

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

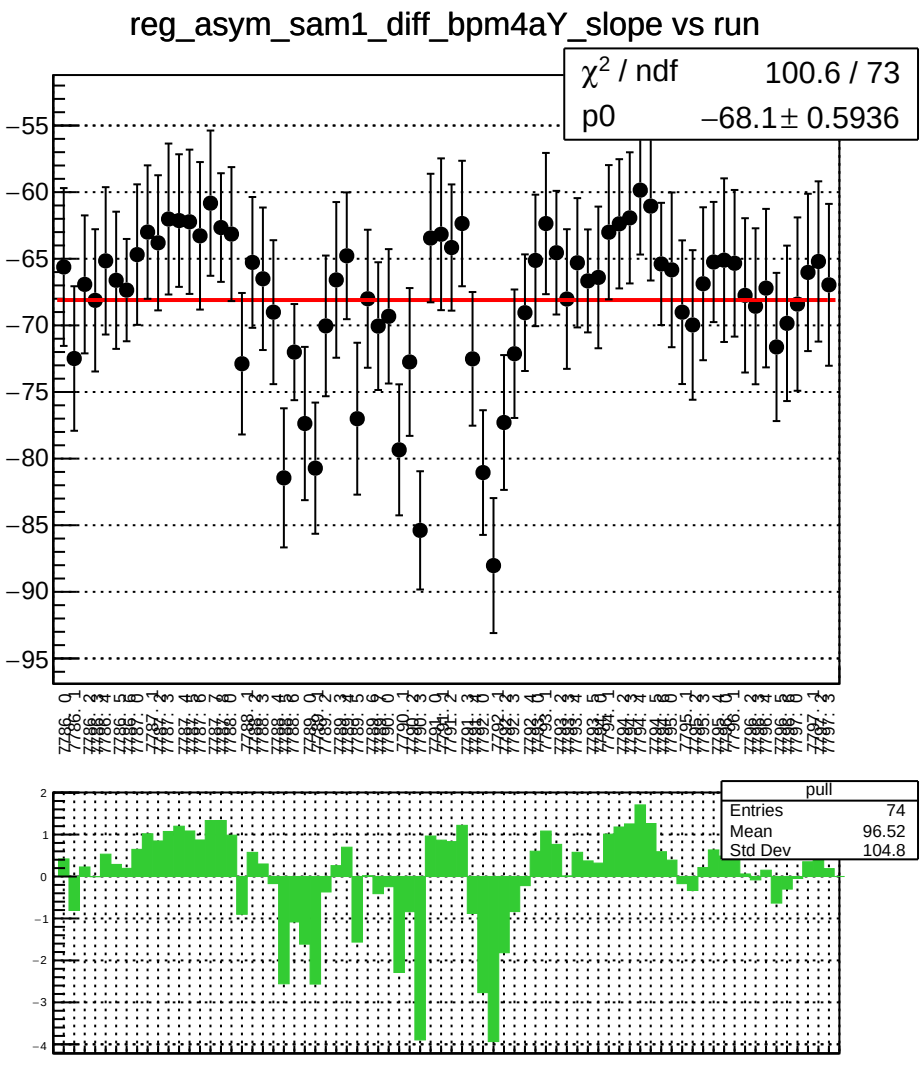

pull
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
0
1

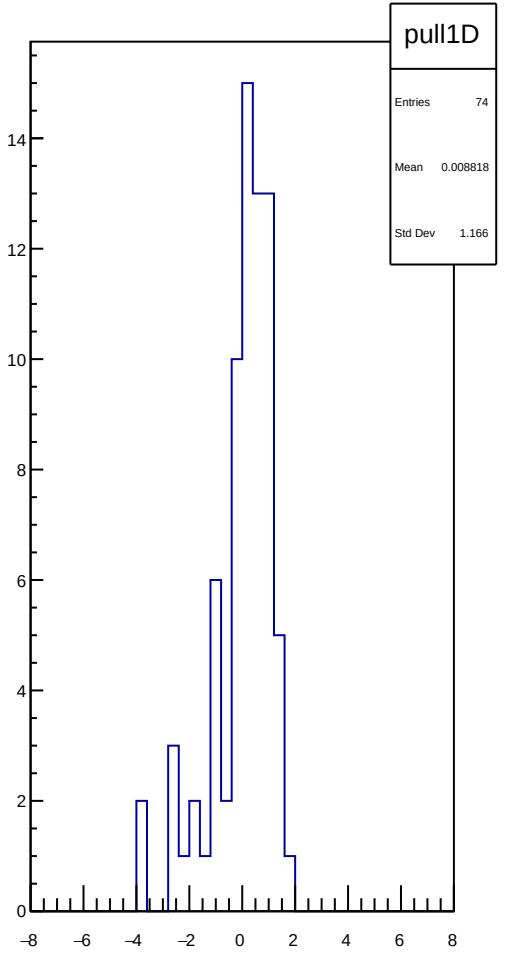

pull1D
Entries 0
Mean 0
Std Dev 0
1
0.8
0.6
0.4
0.2
0
–8
–6
–4
–2
0
2
4
6
8

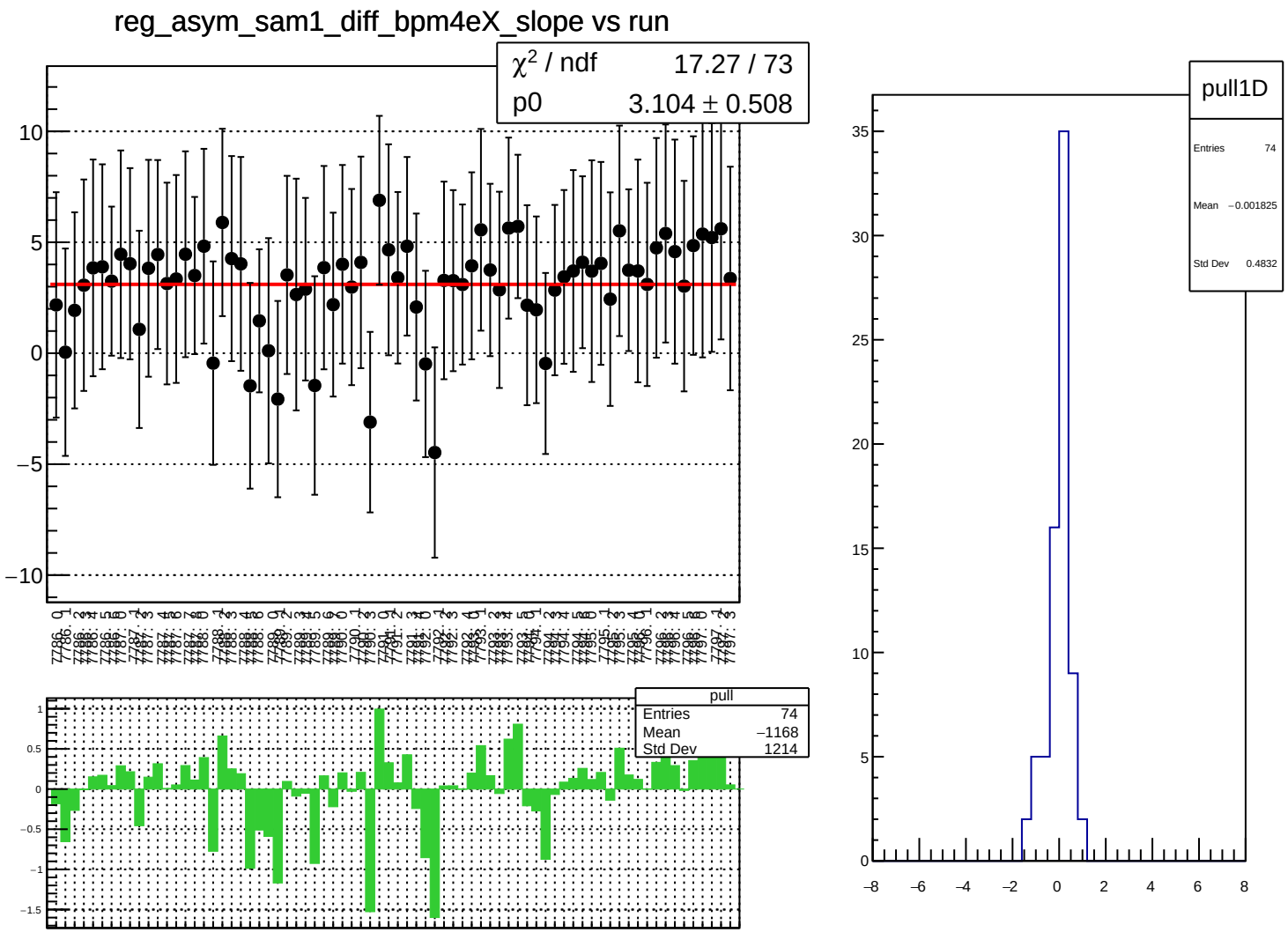

dit_segment_slope vs run
χ² / ndf 1.326e−26 / 73
p0 1.917 ± 0.02893
pull
Entries 74
Mean 37
Std Dev 21.36

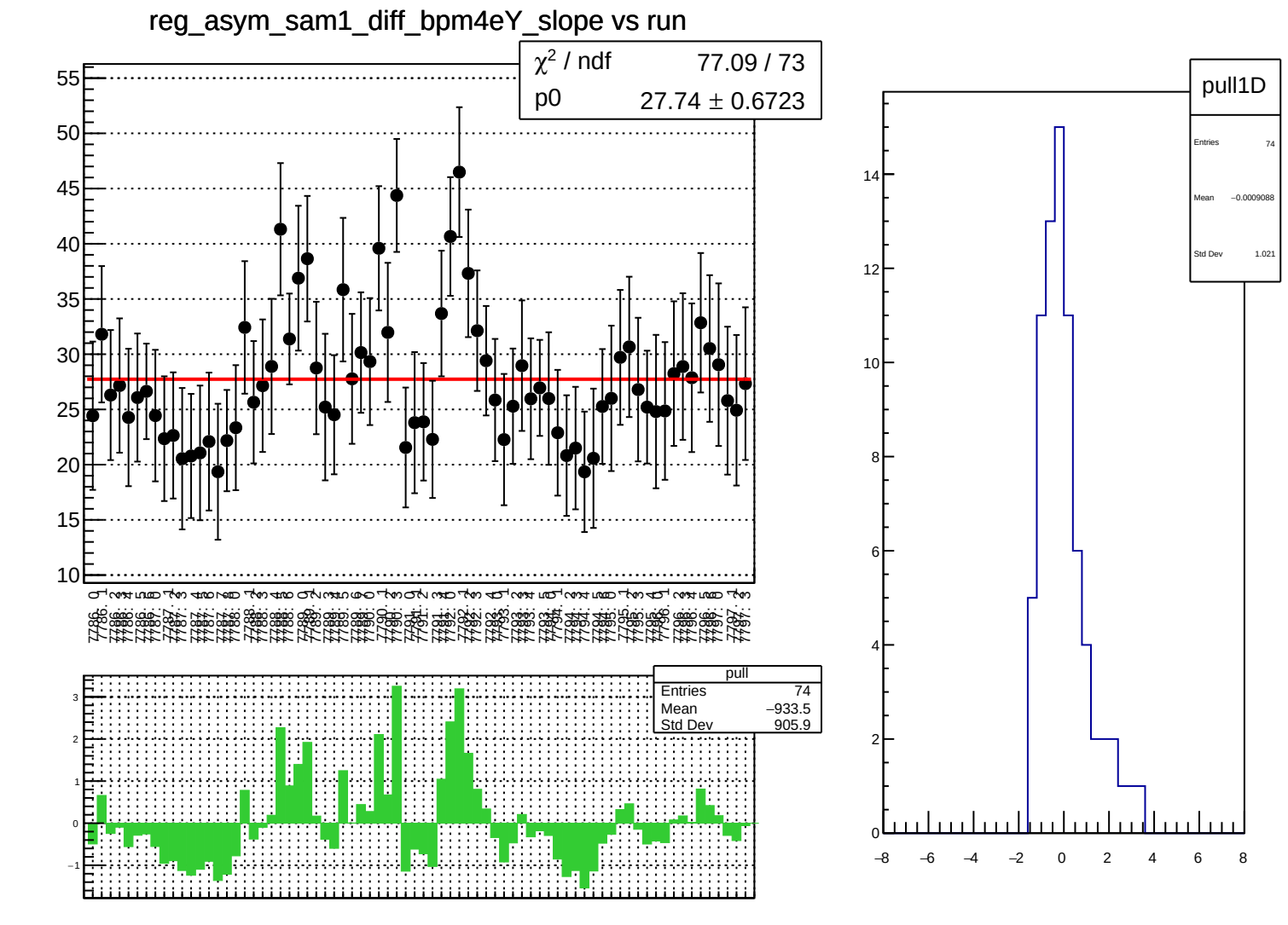

pull1D
Entries 74
Mean 1.338e−14
Std Dev 2.593e−22

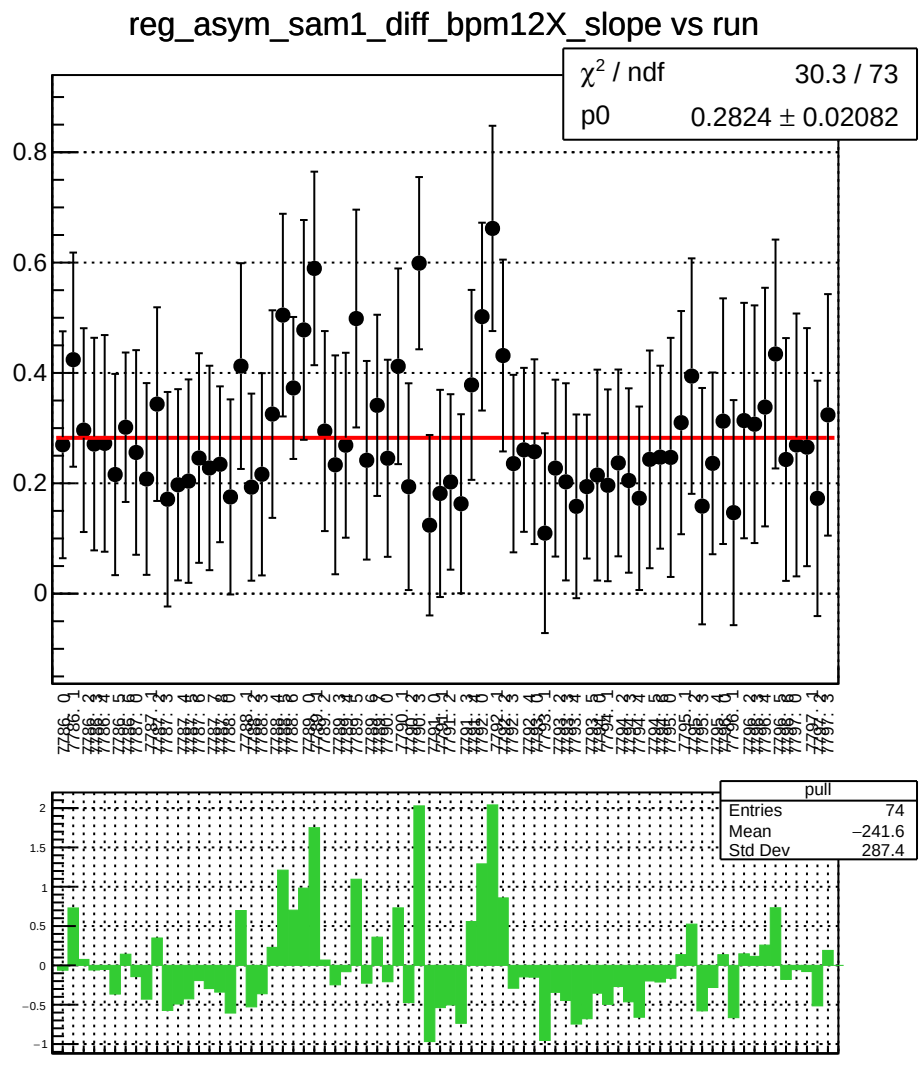

reg_asym_sam1_diff_bpm1X_slope vs run
χ² / ndf 18.42 / 73
p0 −15.32 ± 0.584
pull
Entries 74
Mean −1970
Std Dev 2015
pull1D
Entries 74
Mean 0.00118
Std Dev 0.4989

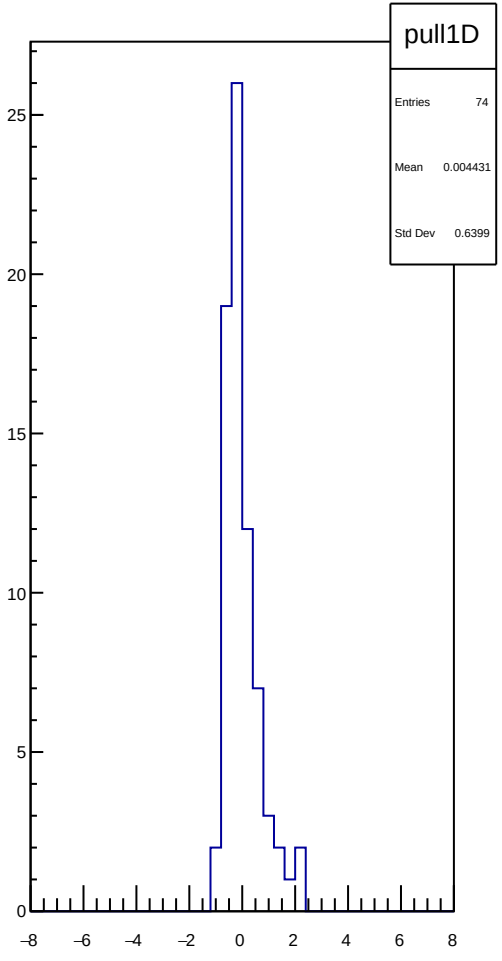

reg_asym_sam1_diff_bpm4aY_slope vs run
χ² / ndf 100.6 / 73
p0 −68.1 ± 0.5936
pull
Entries 74
Mean 96.52
Std Dev 104.8

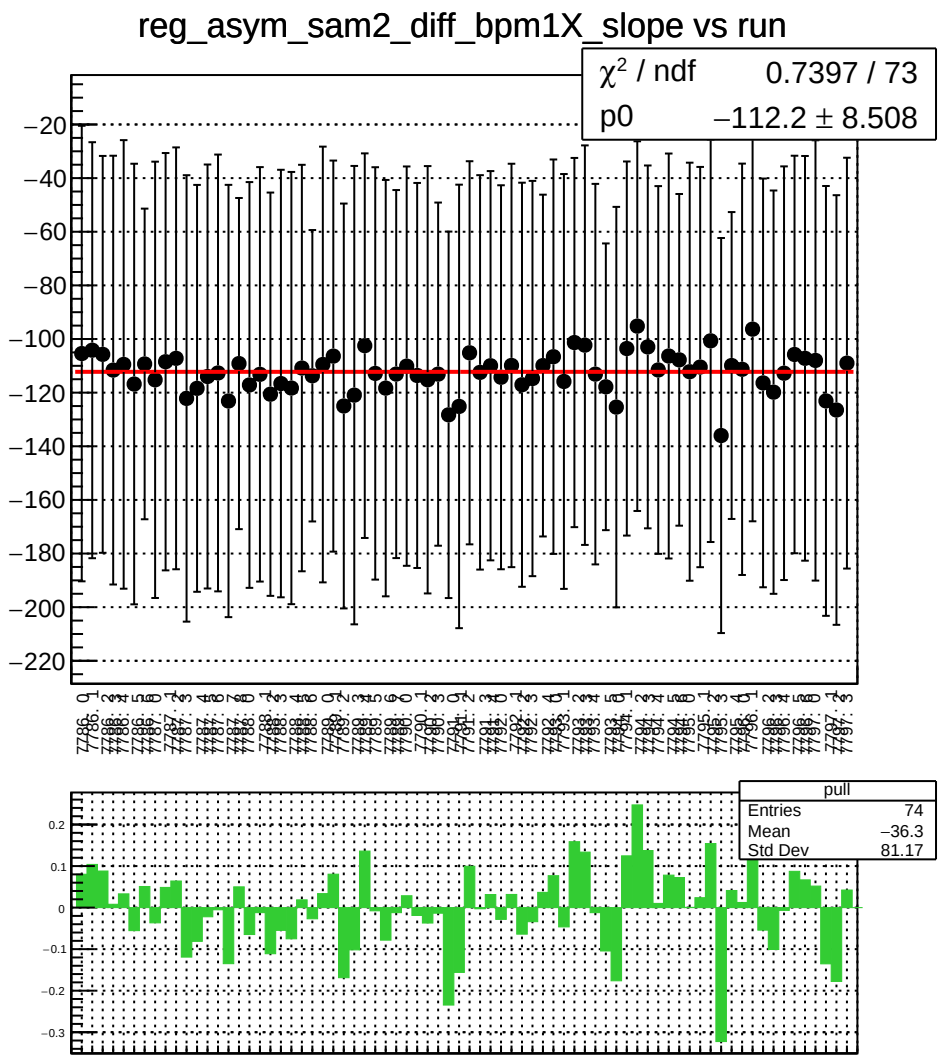

pull1D
Entries 74
Mean 0.008818
Std Dev 1.166

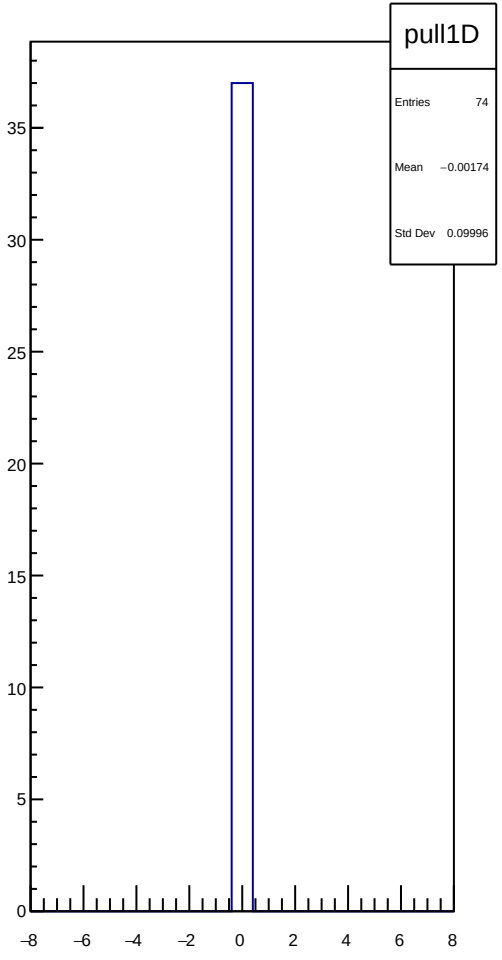

reg_asym_sam1_diff_bpm4eX_slope vs run
χ² / ndf 17.27 / 73
p0 3.104 ± 0.508
pull
Entries 74
Mean −1168
Std Dev 1214
pull1D
Entries 74
Mean −0.001825
Std Dev 0.4832

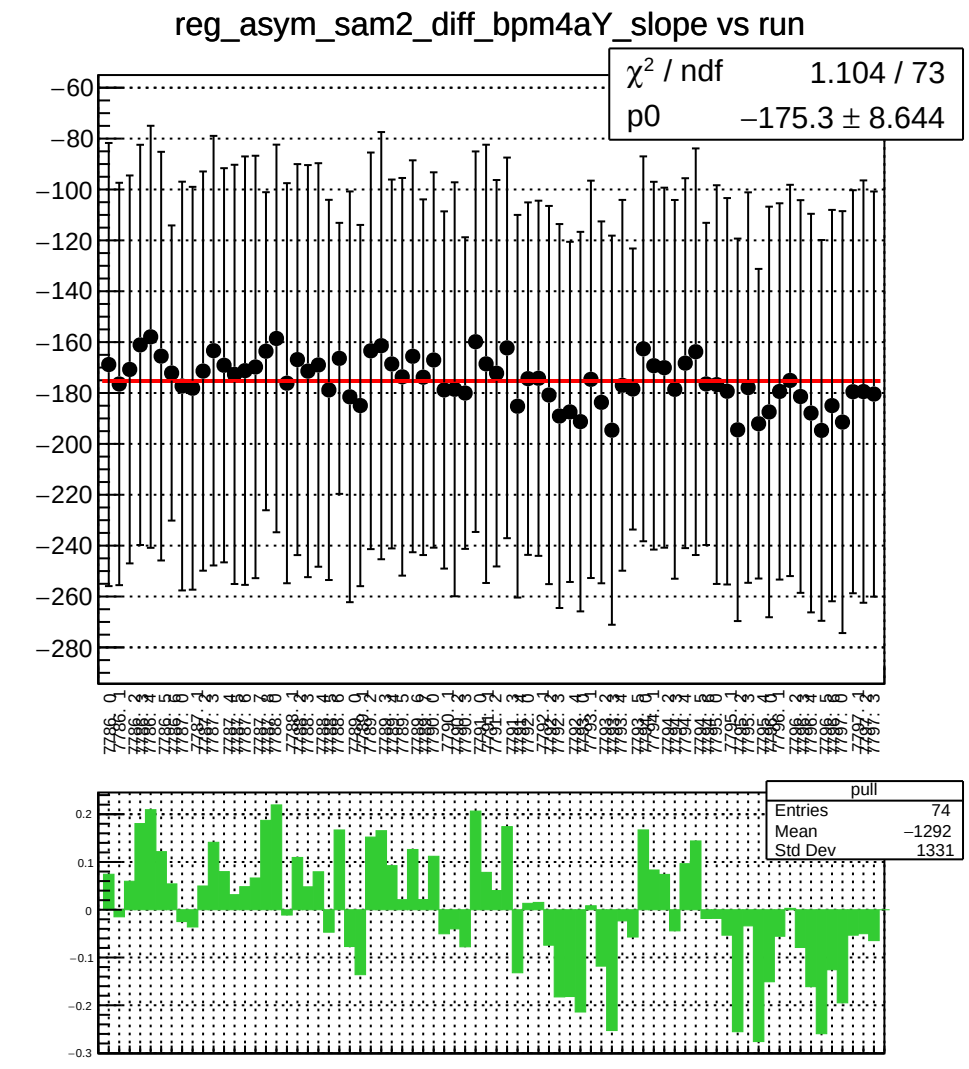

reg_asym_sam1_diff_bpm4eY_slope vs run
χ² / ndf 77.09 / 73
p0 27.74 ± 0.6723
pull
Entries 74
Mean −933.5
Std Dev 905.9
pull1D
Entries 74
Mean −0.0009088
Std Dev 1.021

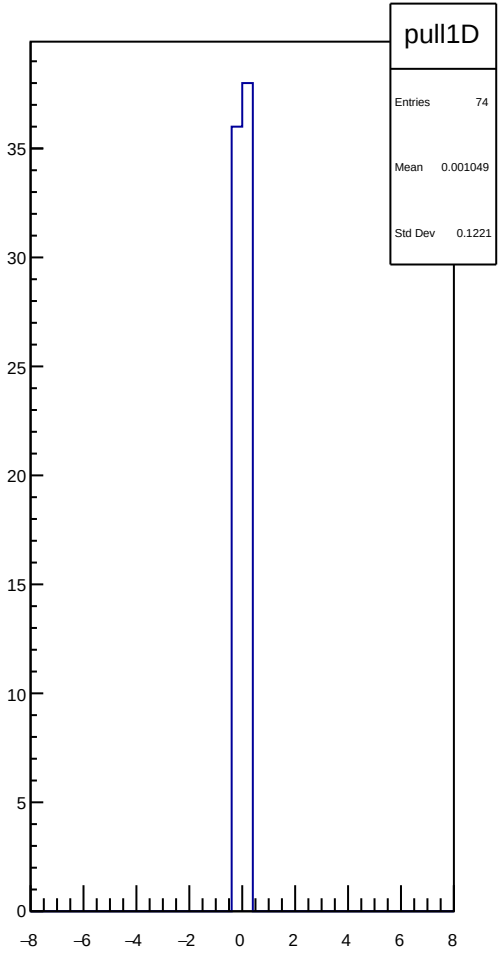

reg_asym_sam1_diff_bpm12X_slope vs run
χ² / ndf 30.3 / 73
p0 0.2824 ± 0.02082
pull
Entries 74
Mean −241.6
Std Dev 287.4

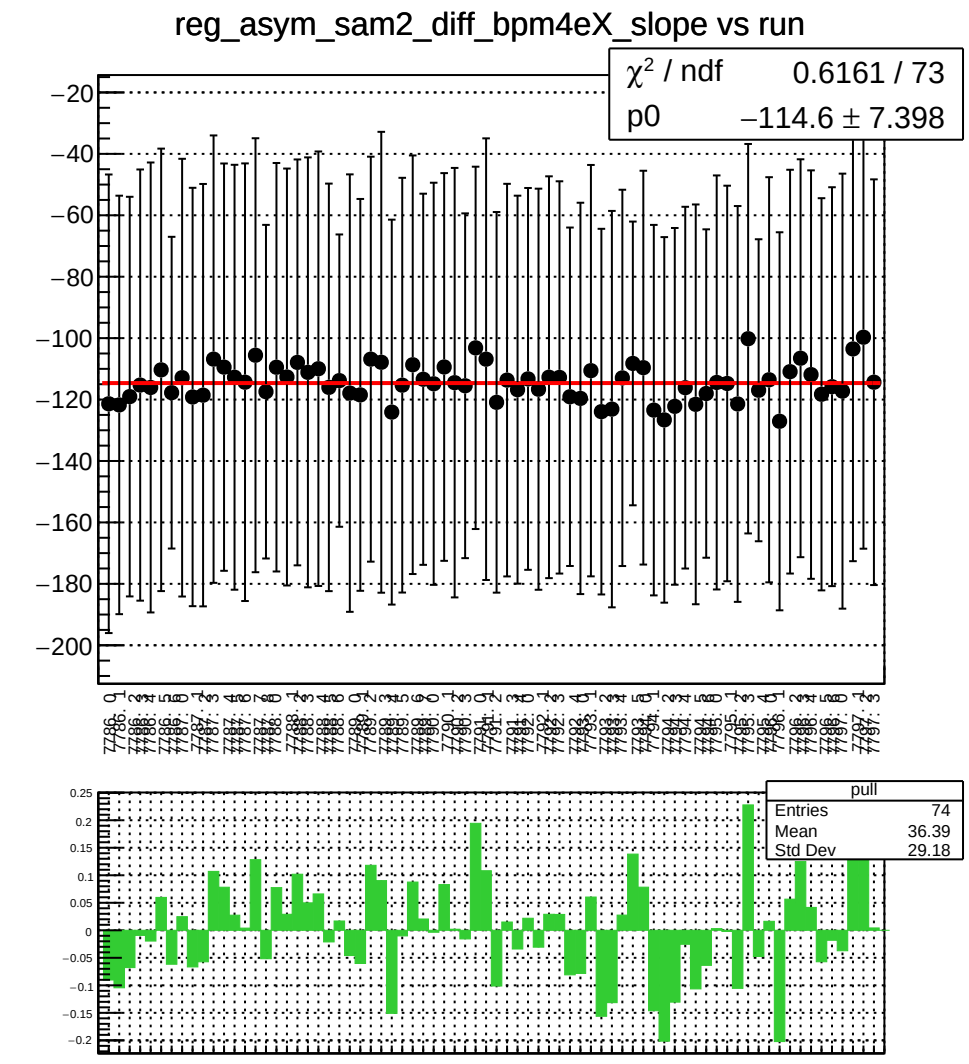

pull1D
Entries 74
Mean 0.004431
Std Dev 0.6399

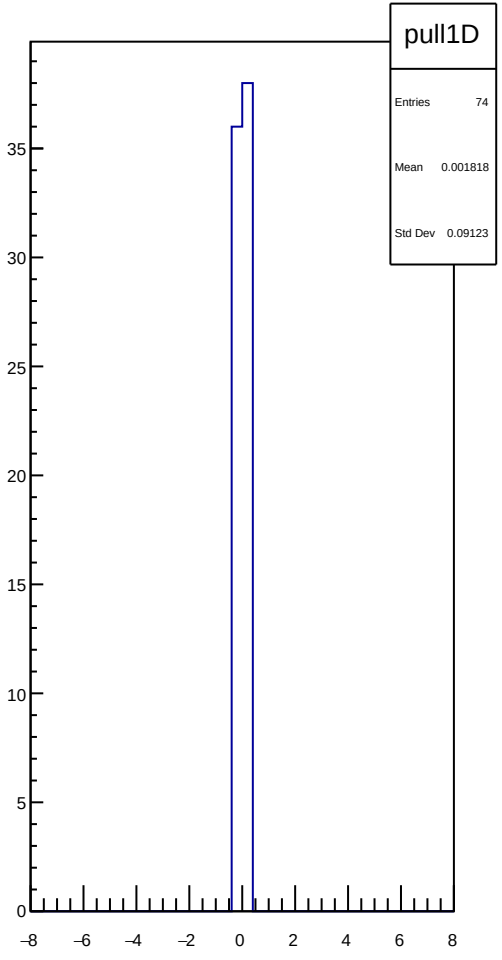

reg_asym_sam2_diff_bpm1X_slope vs run
χ² / ndf 0.7397 / 73
p0 −112.2 ± 8.508
pull
Entries 74
Mean −36.3
Std Dev 81.17

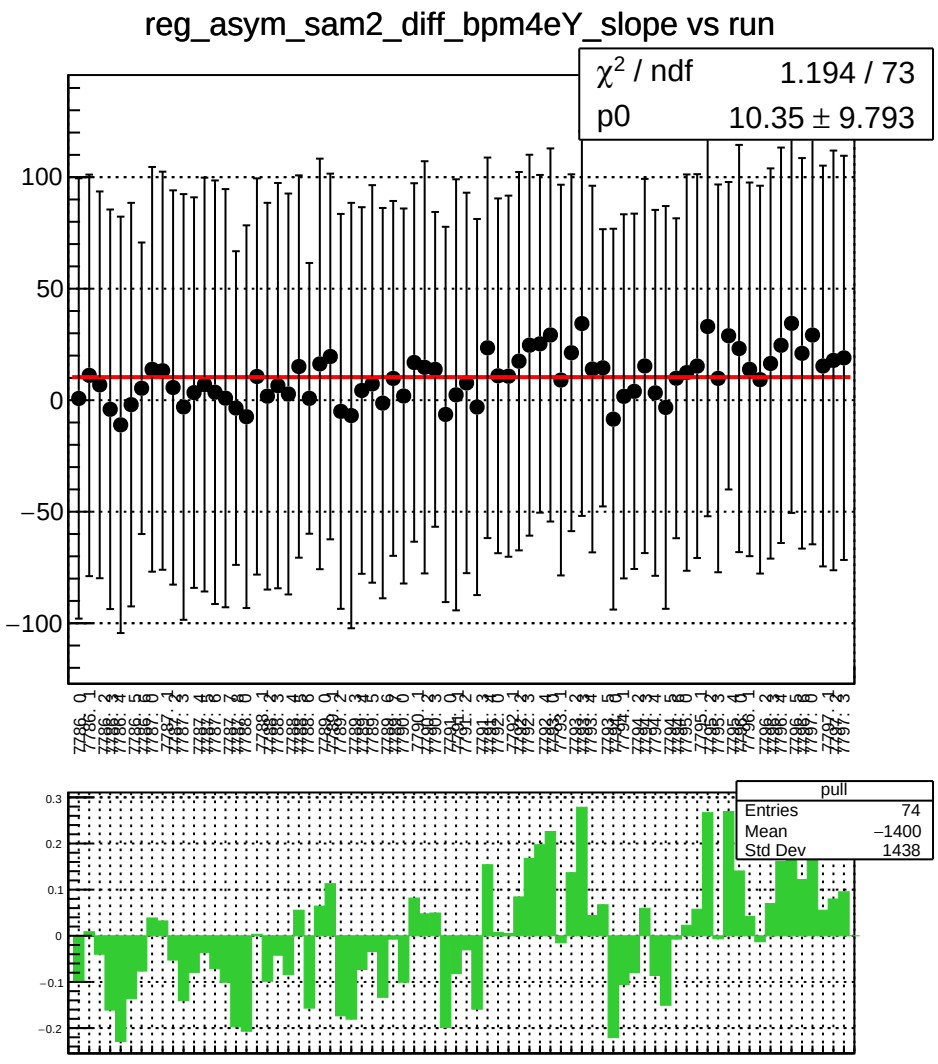

pull1D
Entries 74
Mean −0.00174
Std Dev 0.09996

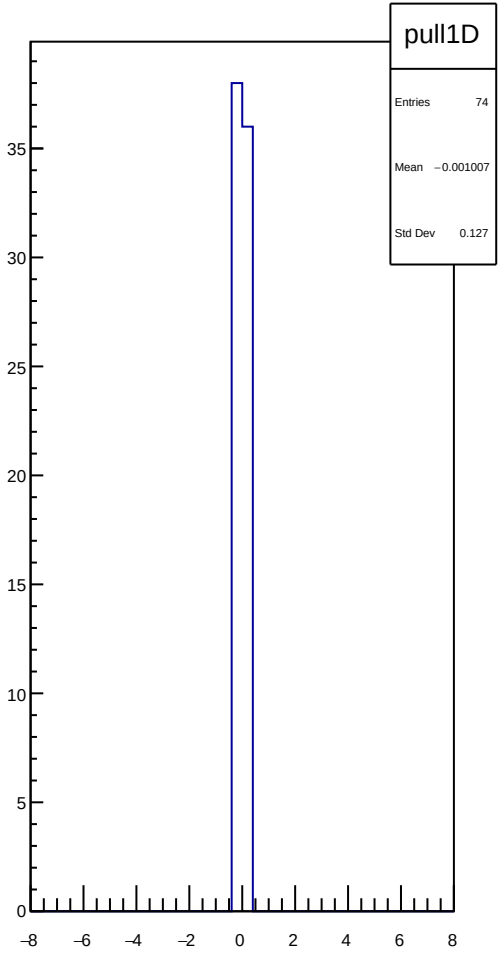

reg_asym_sam2_diff_bpm4aY_slope vs run
χ² / ndf 1.104 / 73
p0 −175.3 ± 8.644
pull
Entries 74
Mean −1292
Std Dev 1331

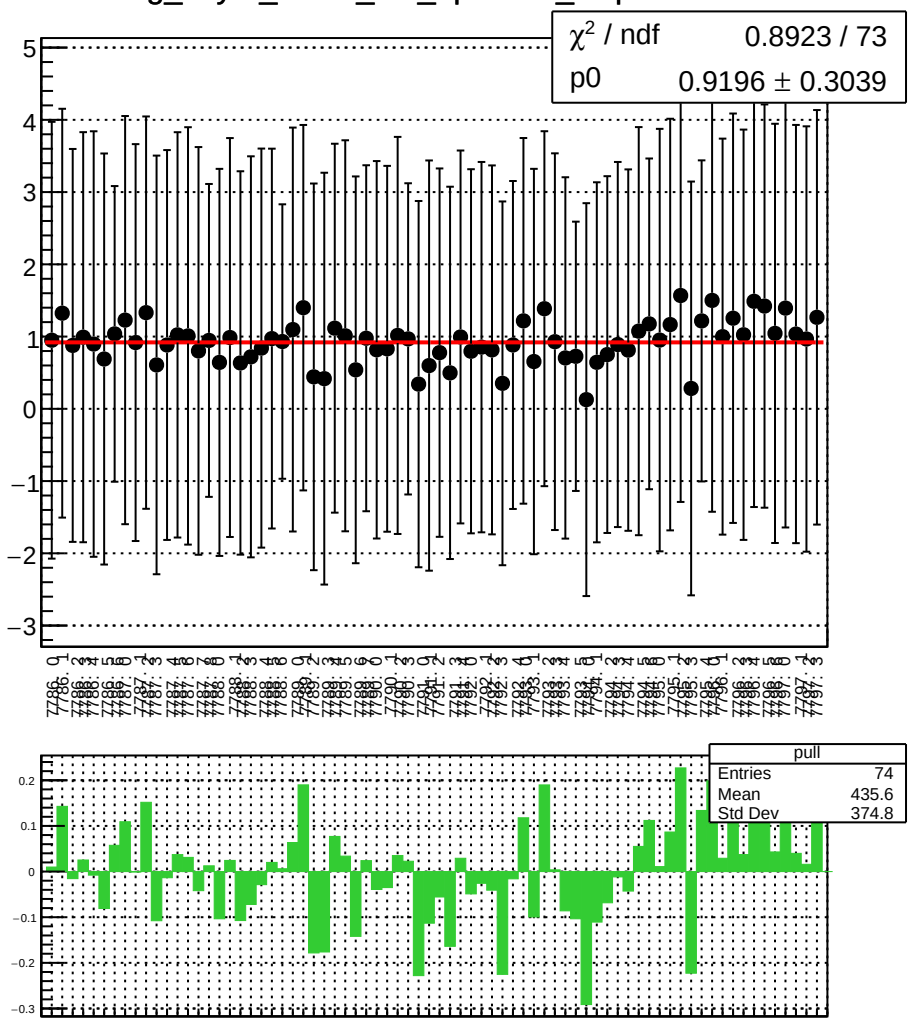

pull1D
Entries 74
Mean 0.001049
Std Dev 0.1221

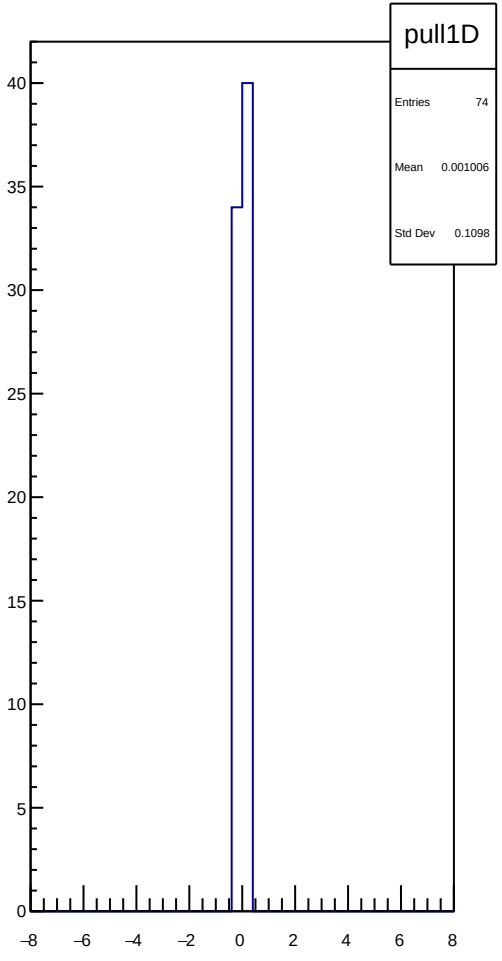

reg_asym_sam2_diff_bpm4eX_slope vs run
χ² / ndf 0.6161 / 73
p0 −114.6 ± 7.398
pull
Entries 74
Mean 36.39
Std Dev 29.18

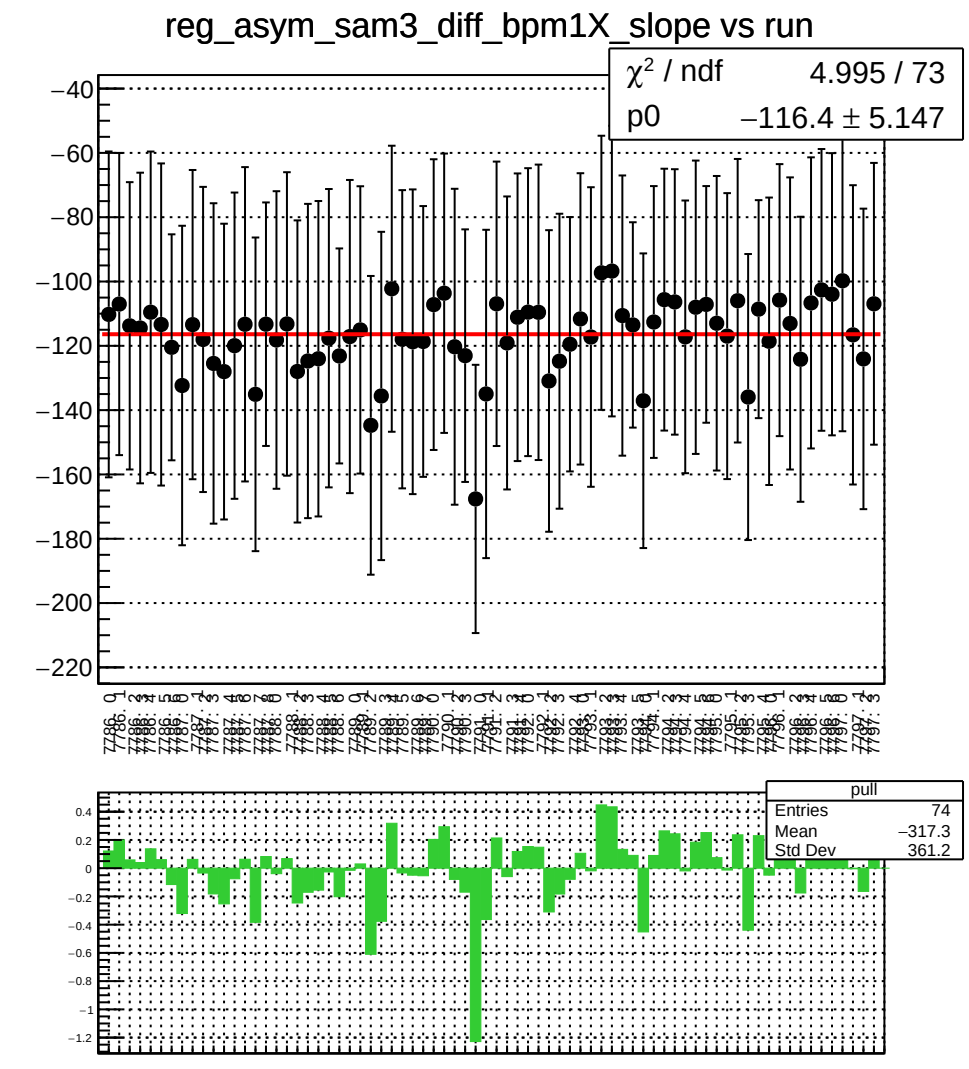

pull1D
Entries 74
Mean 0.001818
Std Dev 0.09123

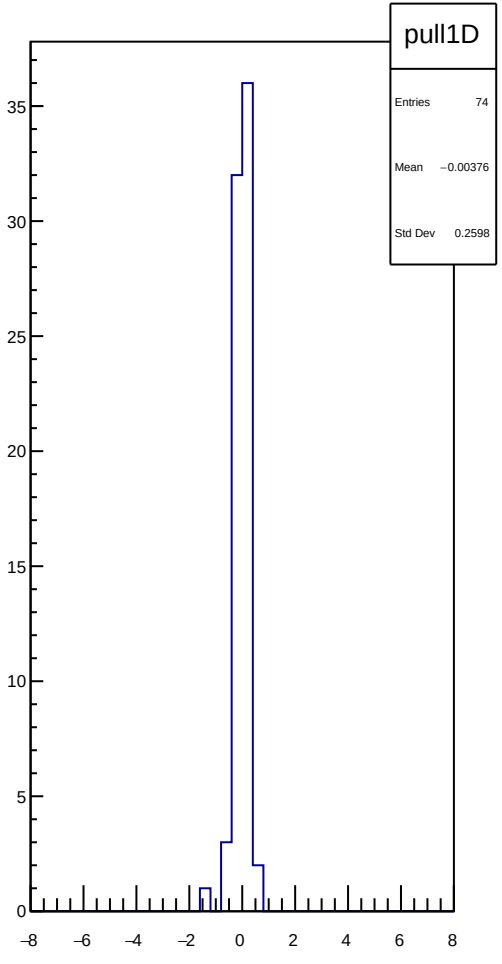

reg_asym_sam2_diff_bpm4eY_slope vs run
χ² / ndf 1.194 / 73
p0 10.35 ± 9.793
pull
Entries 74
Mean −1400
Std Dev 1438

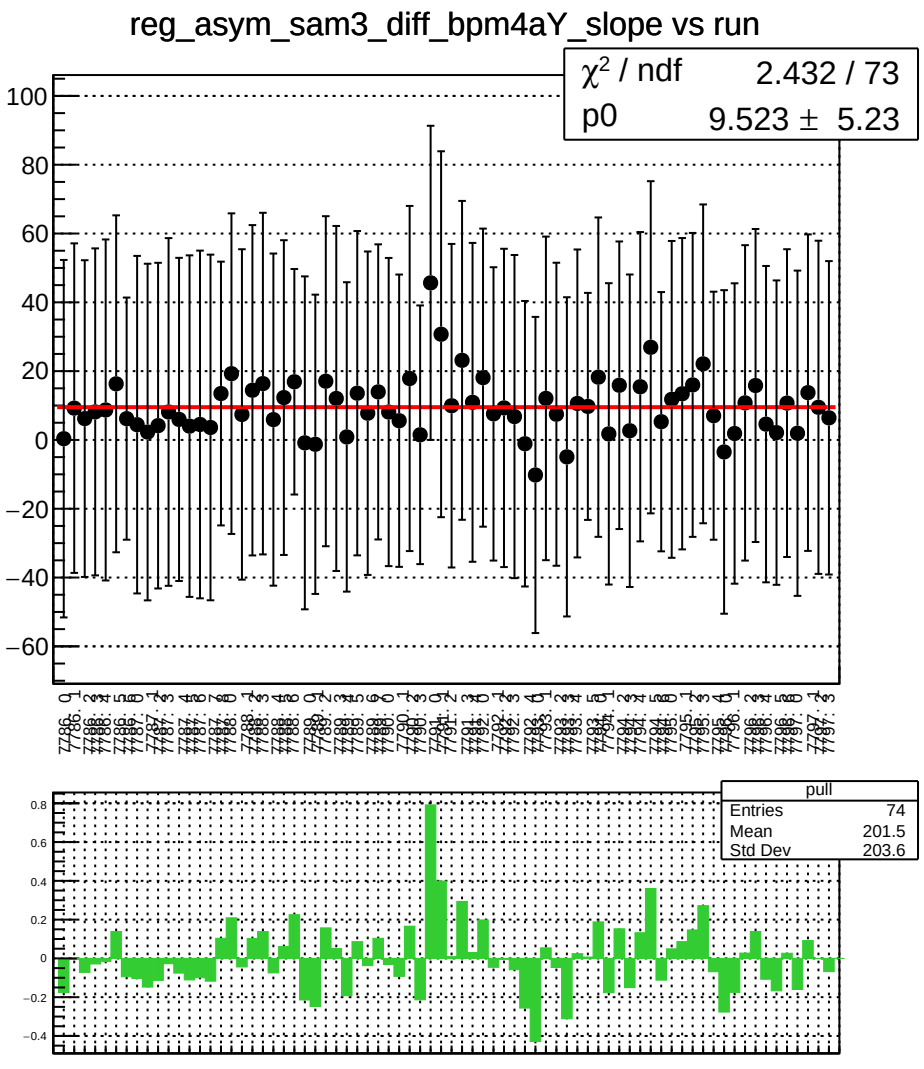

pull1D
Entries 74
Mean −0.001007
Std Dev 0.127

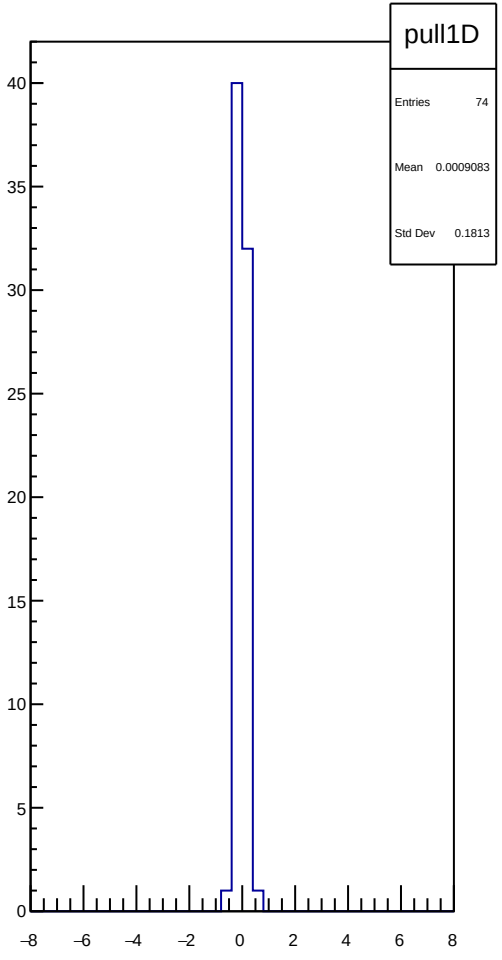

reg_asym_sam2_diff_bpm12X_slope vs run
χ² / ndf 0.8923 / 73
p0 0.9196 ± 0.3039
pull
Entries 74
Mean 435.6
Std Dev 374.8

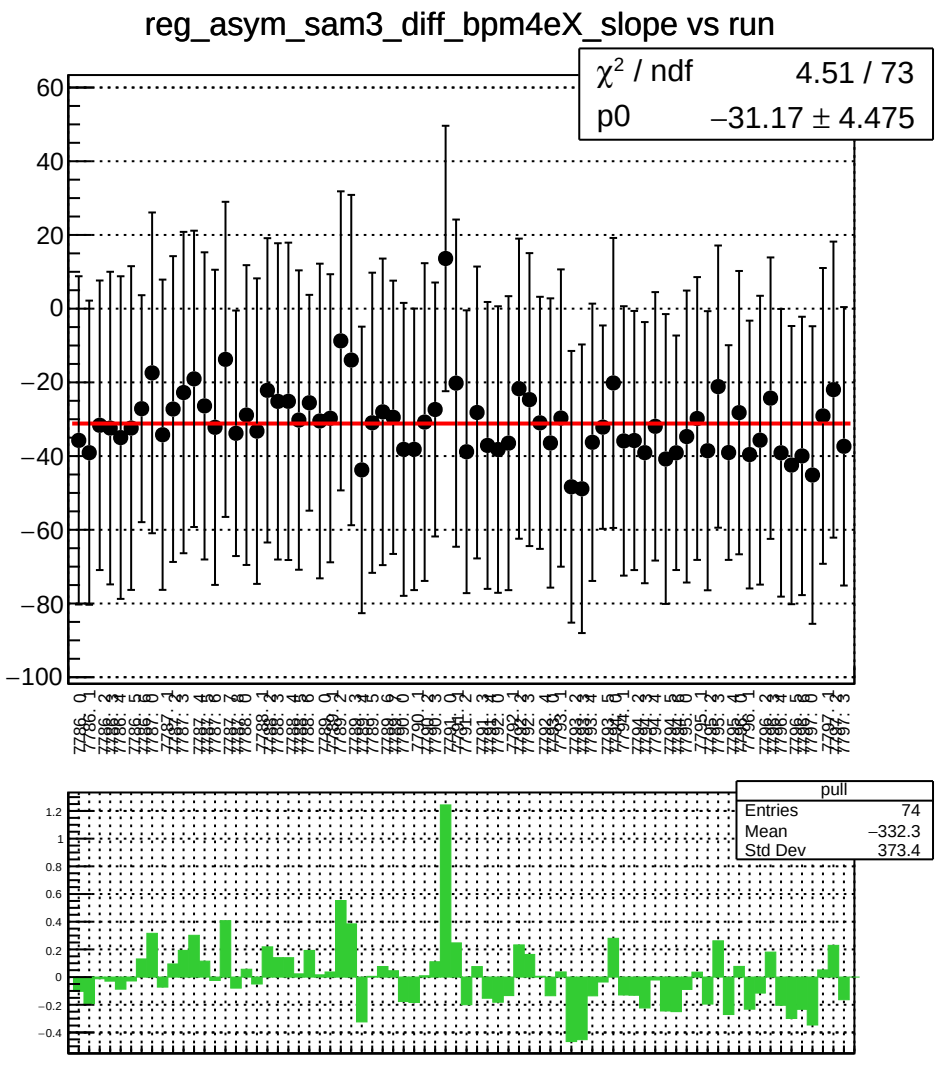

pull1D
Entries 74
Mean 0.001006
Std Dev 0.1098

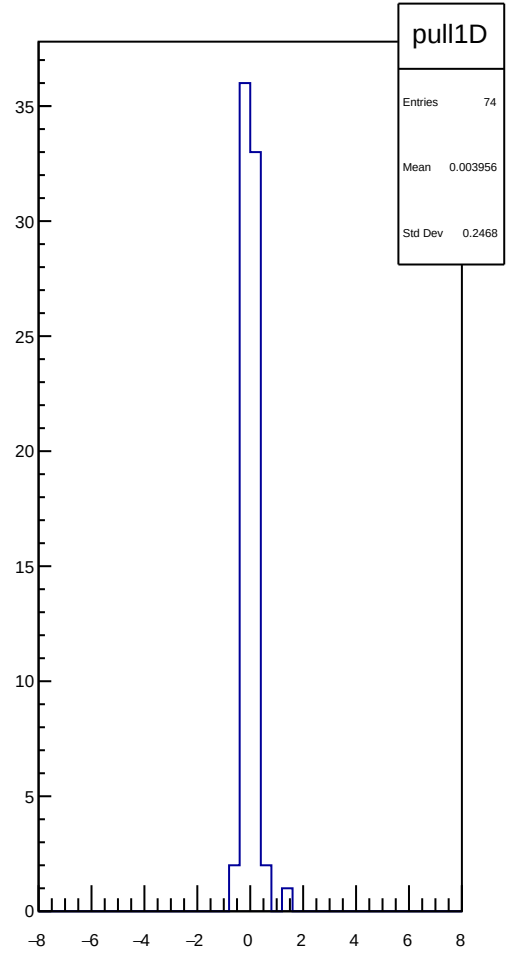

reg_asym_sam3_diff_bpm1X_slope vs run
χ² / ndf 4.995 / 73
p0 −116.4 ± 5.147
pull
Entries 74
Mean −317.3
Std Dev 361.2

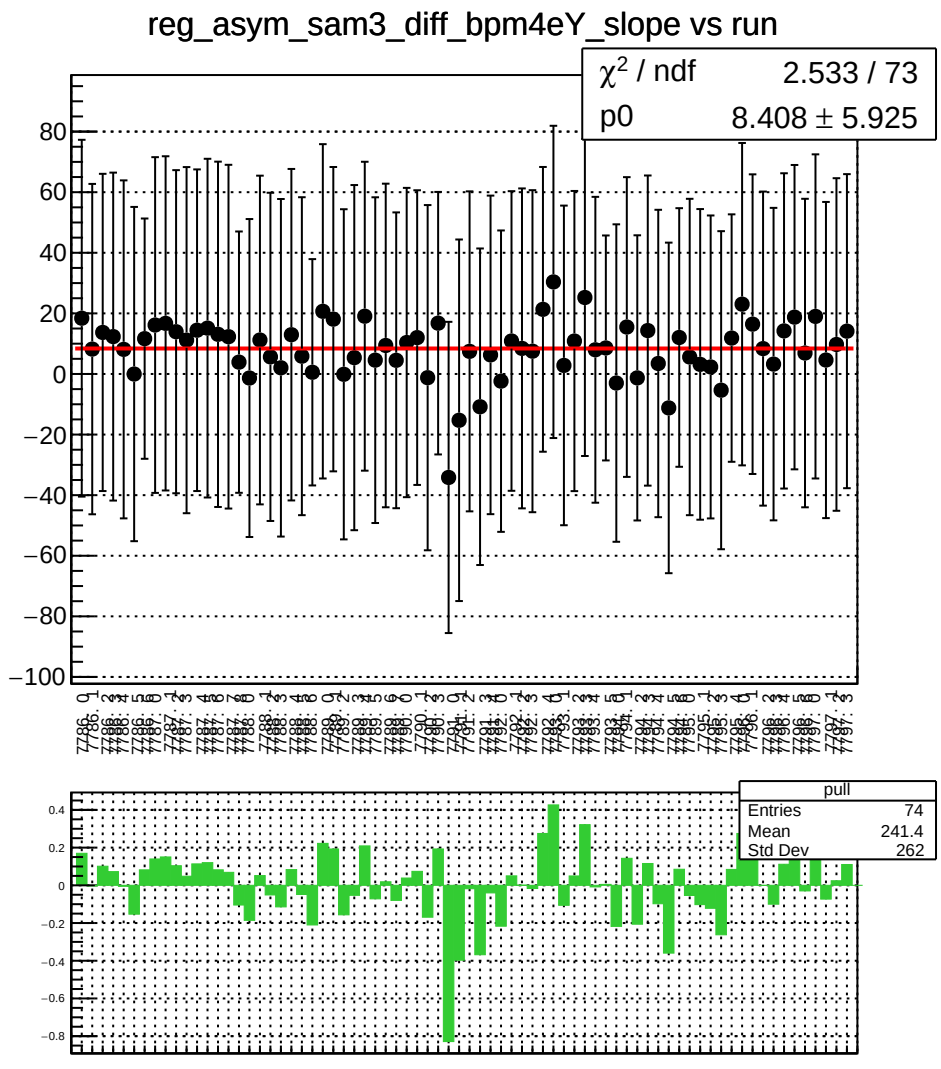

pull1D
Entries 74
Mean −0.00376
Std Dev 0.2598

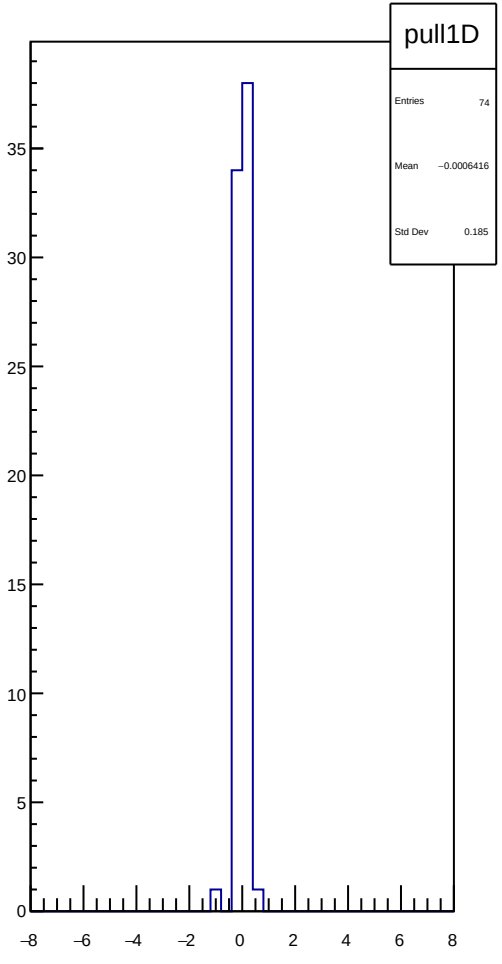

reg_asym_sam3_diff_bpm4aY_slope vs run
χ² / ndf 2.432 / 73
p0 9.523 ± 5.23
pull
Entries 74
Mean 201.5
Std Dev 203.6

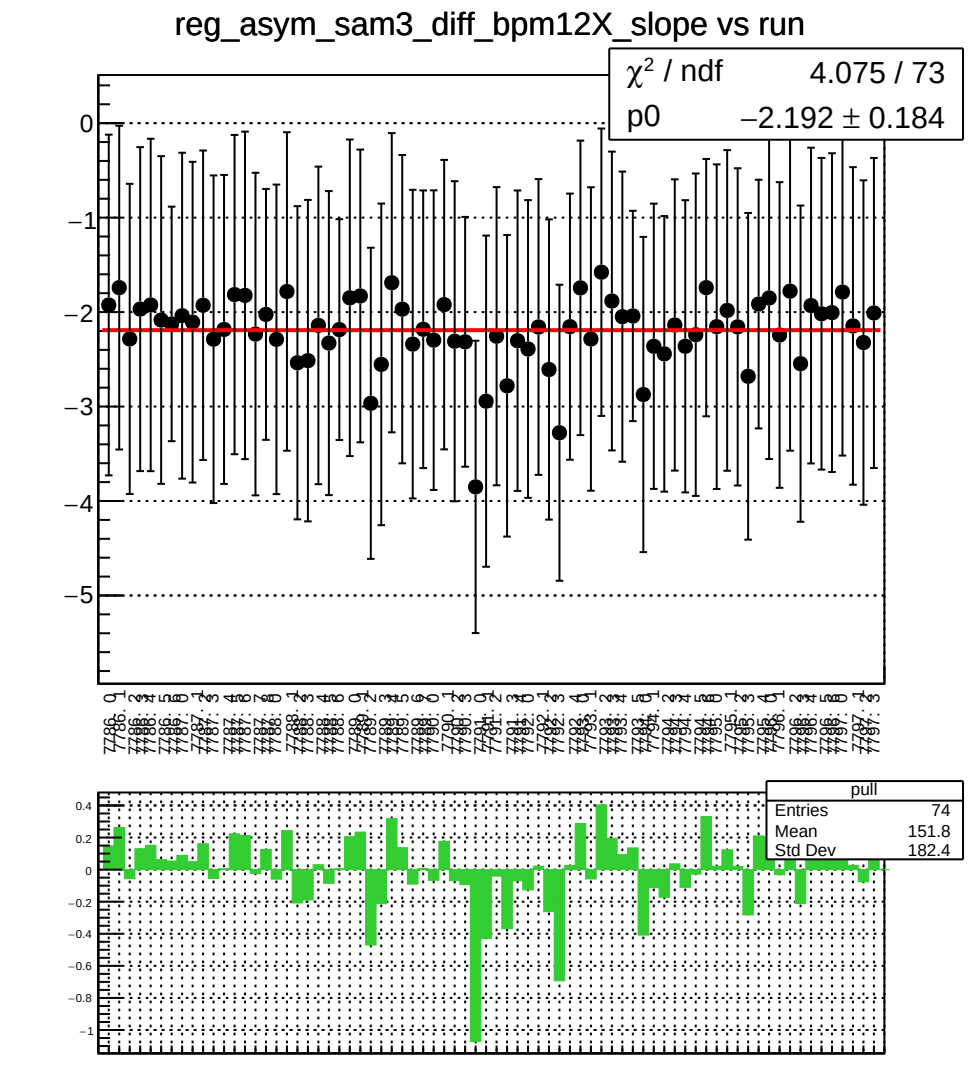

pull1D
Entries 74
Mean 0.0009083
Std Dev 0.1813

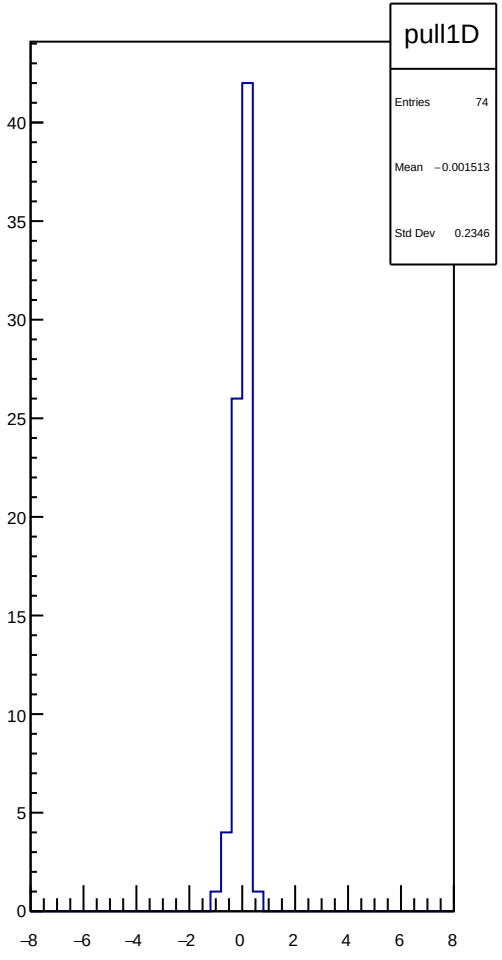

reg_asym_sam3_diff_bpm4eX_slope vs run
χ² / ndf 4.51 / 73
p0 −31.17 ± 4.475
pull
Entries 74
Mean −332.3
Std Dev 373.4

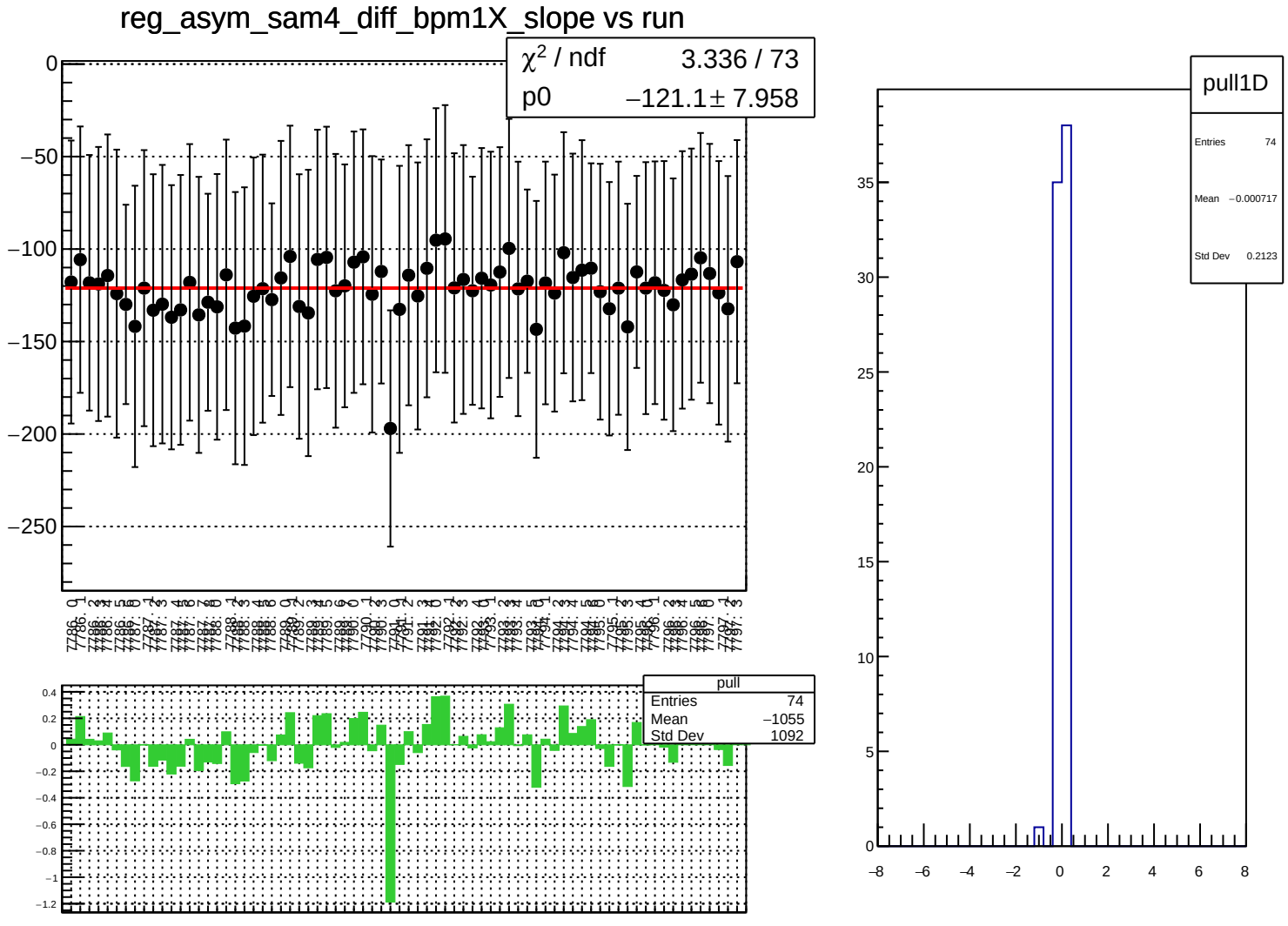

pull1D
Entries 74
Mean 0.003956
Std Dev 0.2468

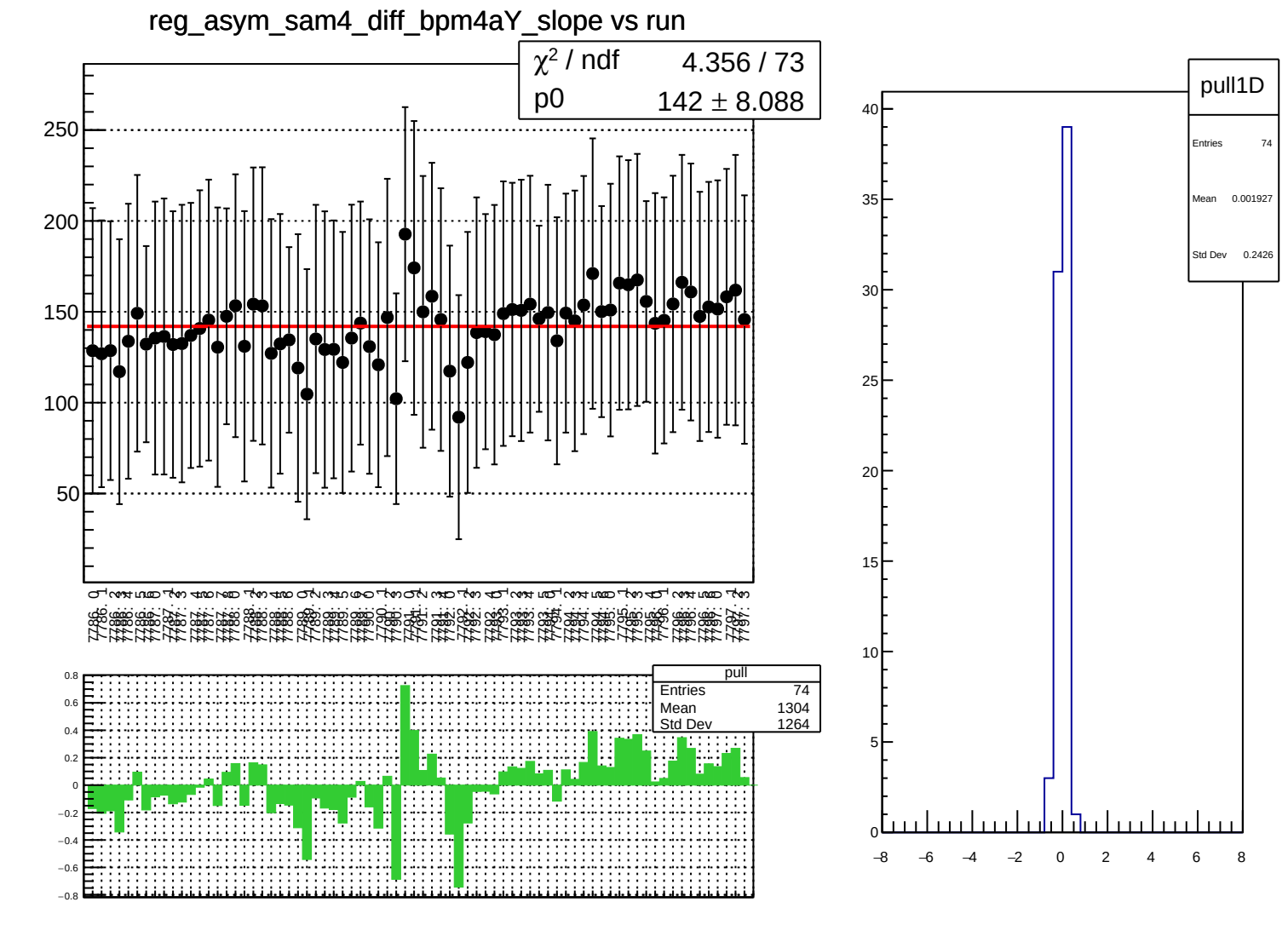

reg_asym_sam3_diff_bpm4eY_slope vs run
χ² / ndf 2.533 / 73
p0 8.408 ± 5.925
pull
Entries 74
Mean 241.4
Std Dev 262

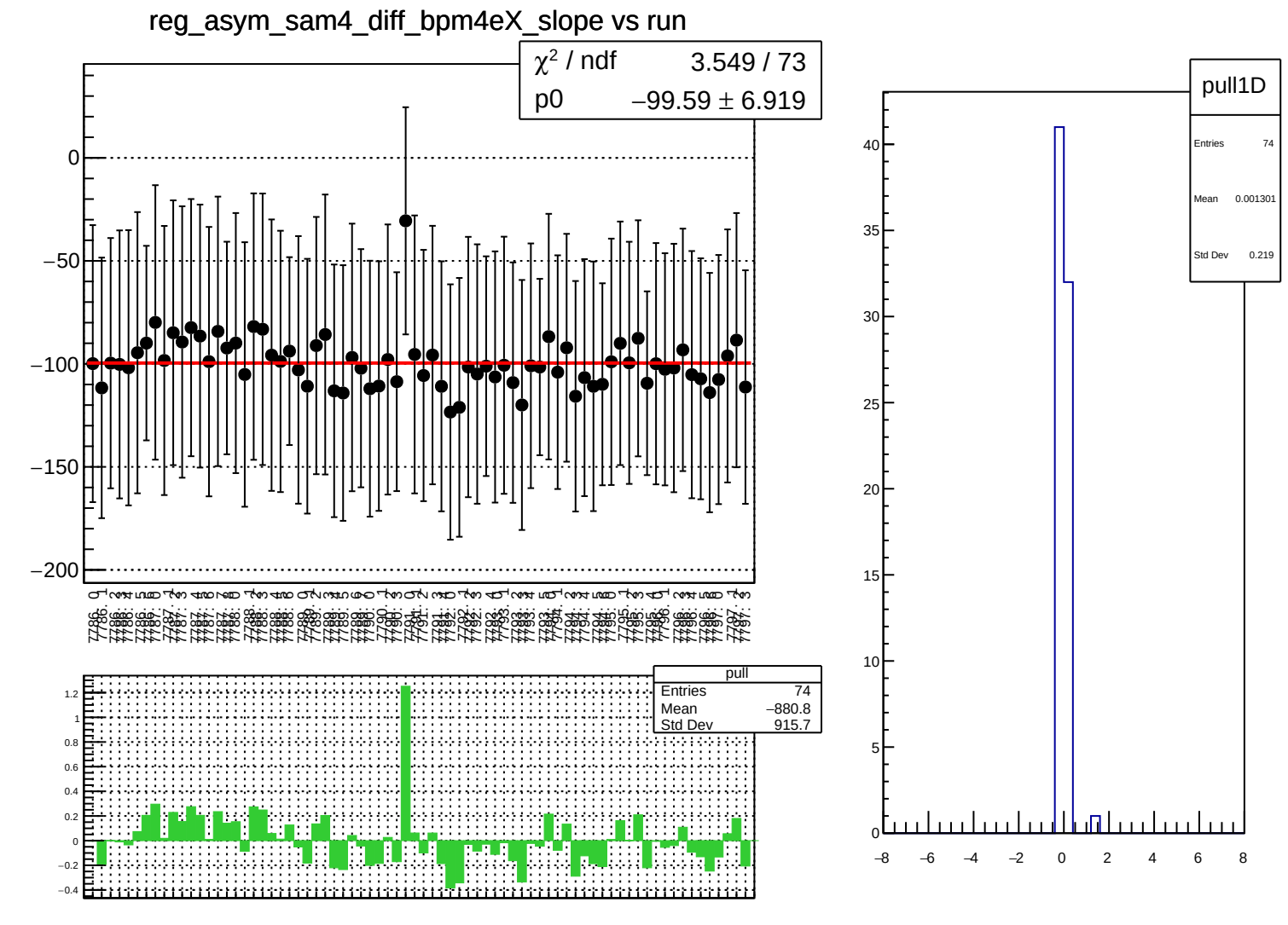

pull1D
Entries 74
Mean −0.0006416
Std Dev 0.185

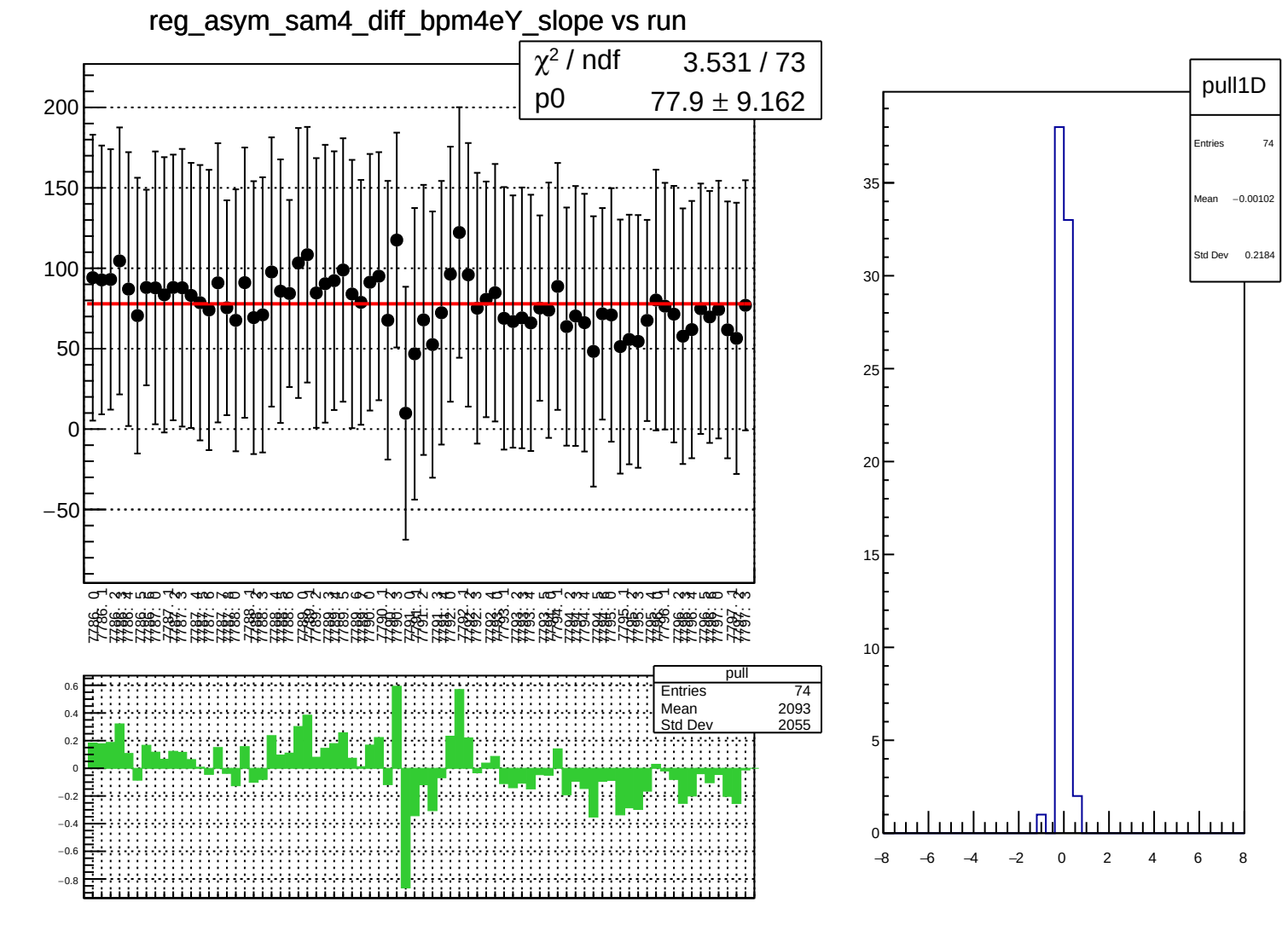

reg_asym_sam3_diff_bpm12X_slope vs run
χ² / ndf 4.075 / 73
p0 −2.192 ± 0.184
pull
Entries 74
Mean 151.8
Std Dev 182.4

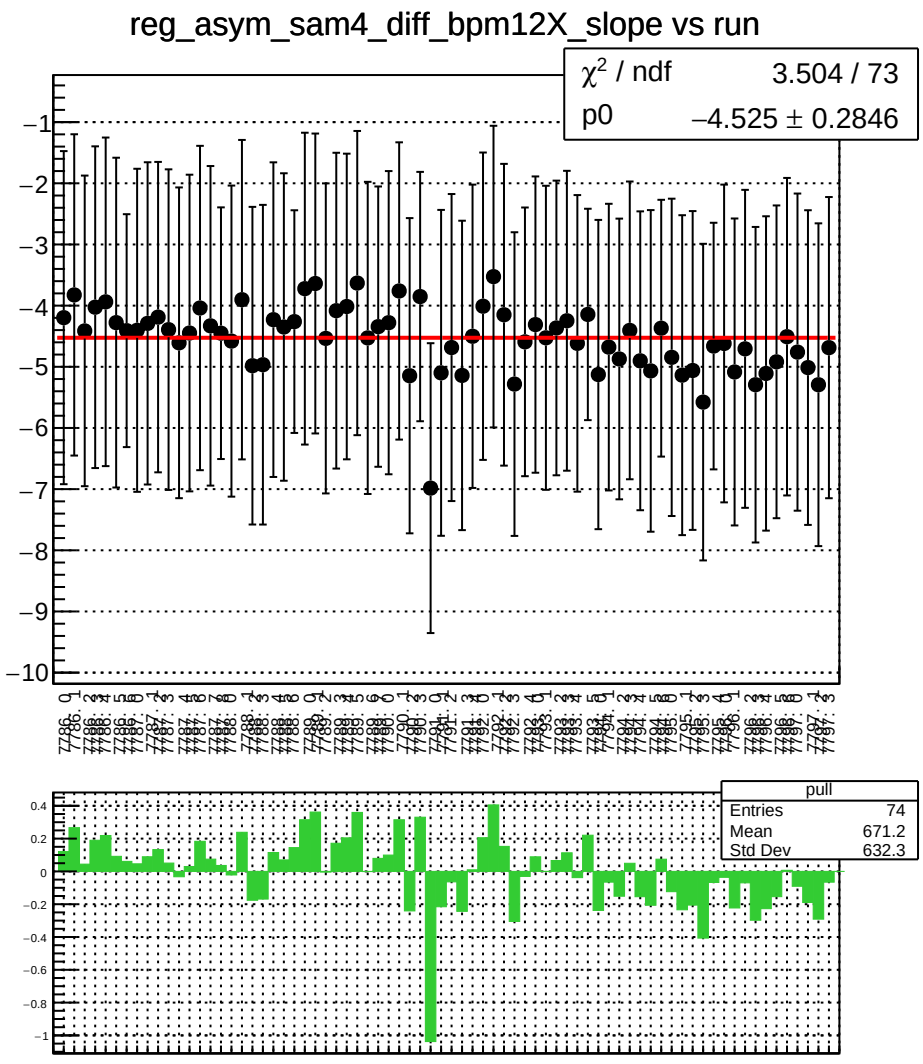

pull1D
Entries 74
Mean −0.001513
Std Dev 0.2346

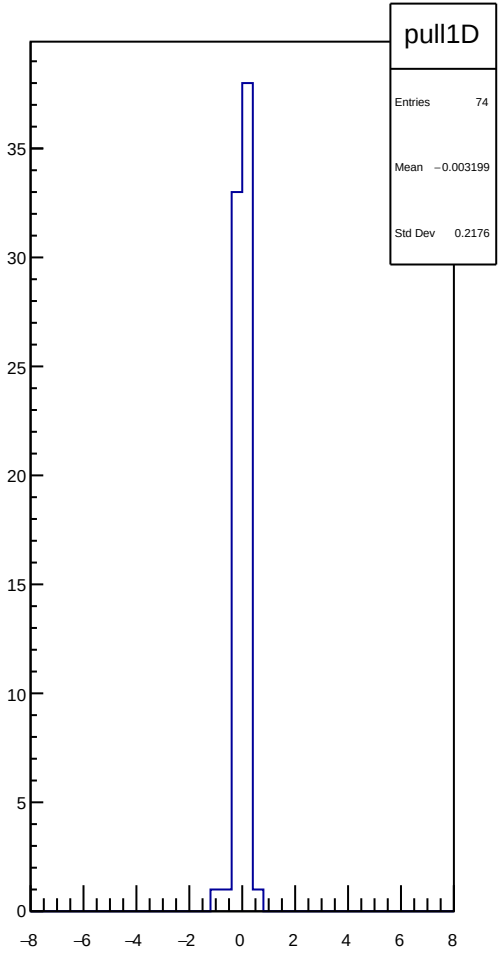

reg_asym_sam4_diff_bpm1X_slope vs run
χ² / ndf 3.336 / 73
p0 −121.1± 7.958
pull
Entries 74
Mean −1055
Std Dev 1092
pull1D
Entries 74
Mean −0.000717
Std Dev 0.2123

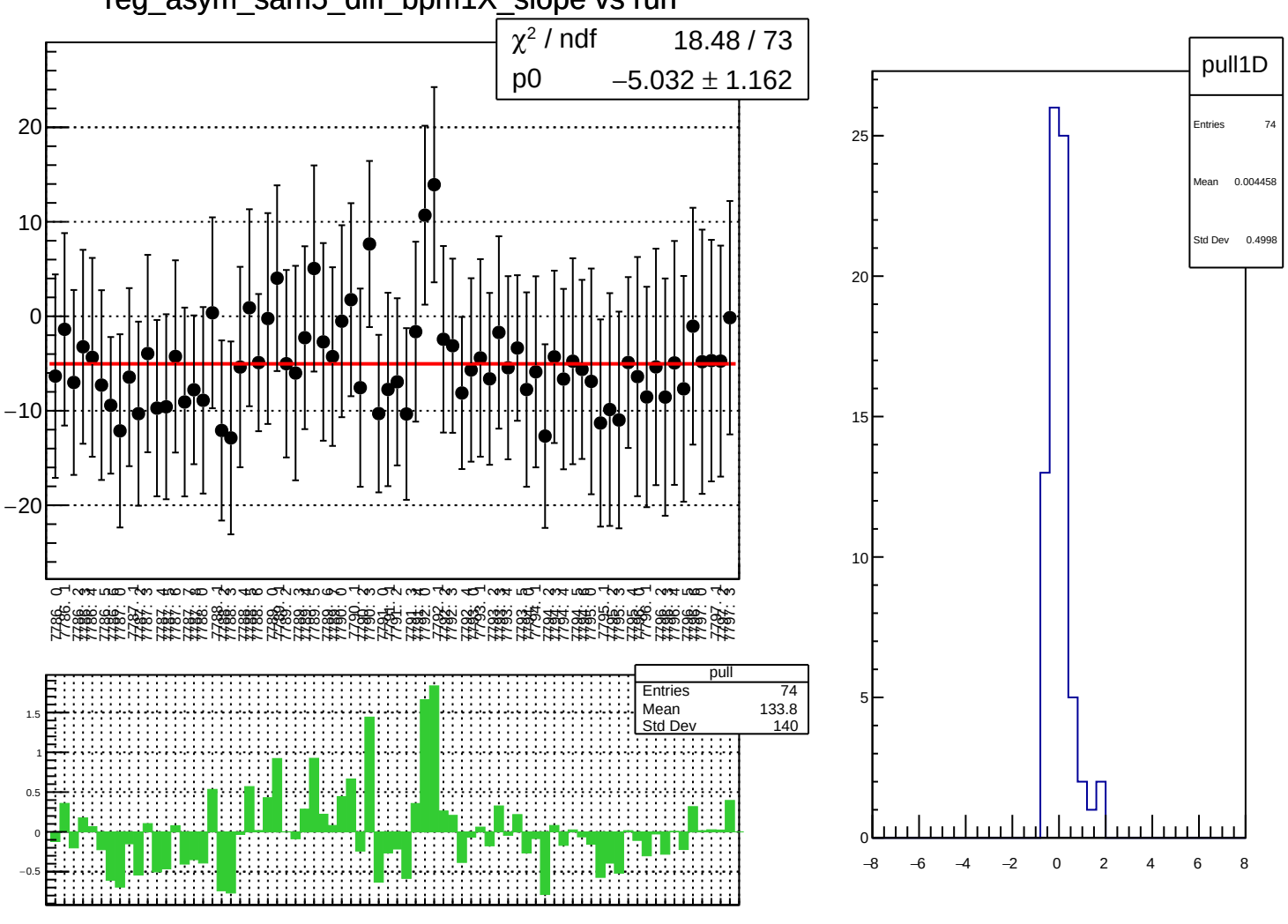

reg_asym_sam4_diff_bpm4aY_slope vs run
χ² / ndf 4.356 / 73
p0 142 ± 8.088
250
200
150
100
50
pull
Entries 74
Mean 1304
Std Dev 1264
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
pull1D
Entries 74
Mean 0.001927
Std Dev 0.2426
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

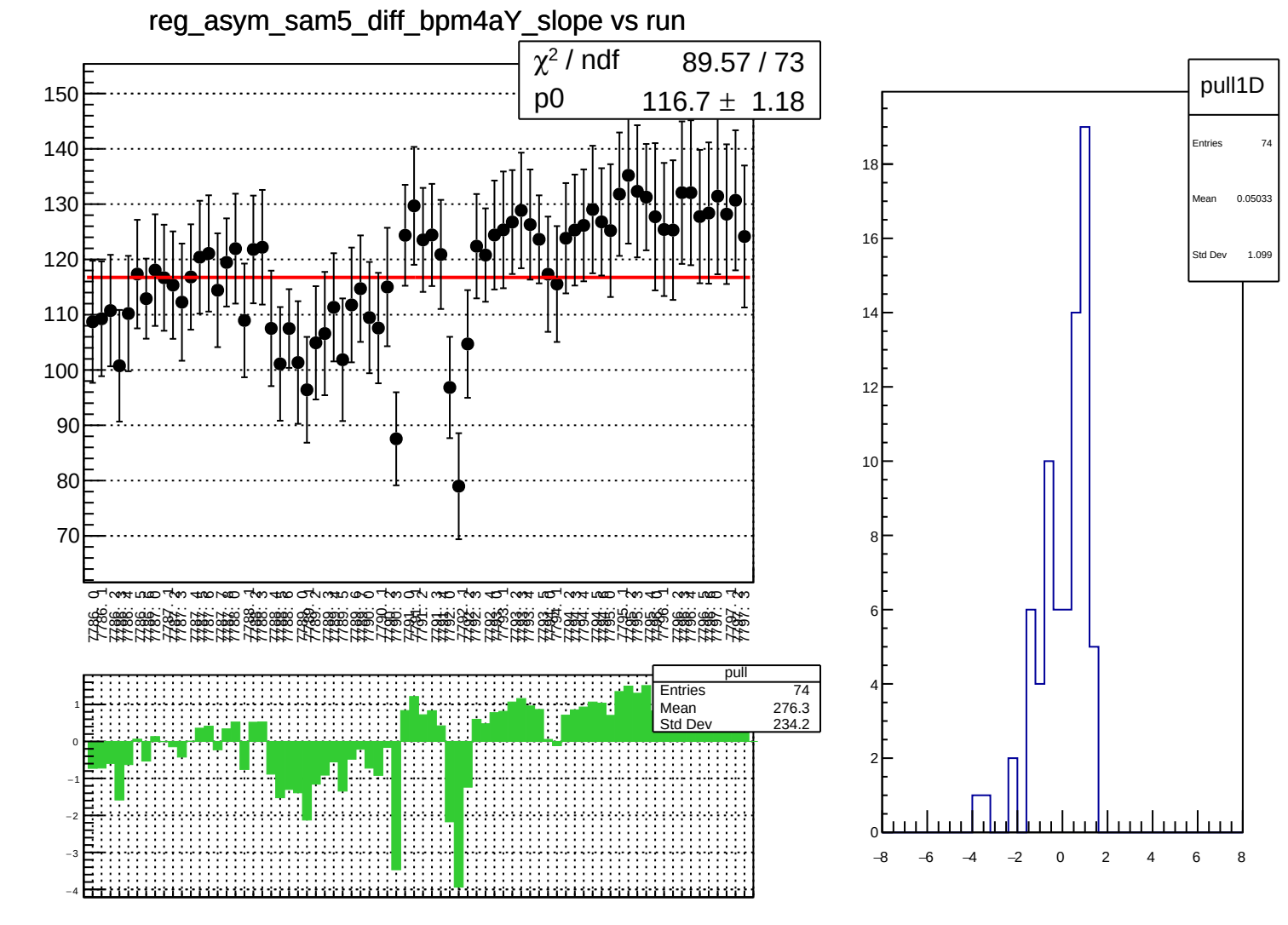

reg_asym_sam4_diff_bpm4eX_slope vs run
χ² / ndf 3.549 / 73
p0 −99.59 ± 6.919
pull
Entries 74
Mean −880.8
Std Dev 915.7
pull1D
Entries 74
Mean 0.001301
Std Dev 0.219

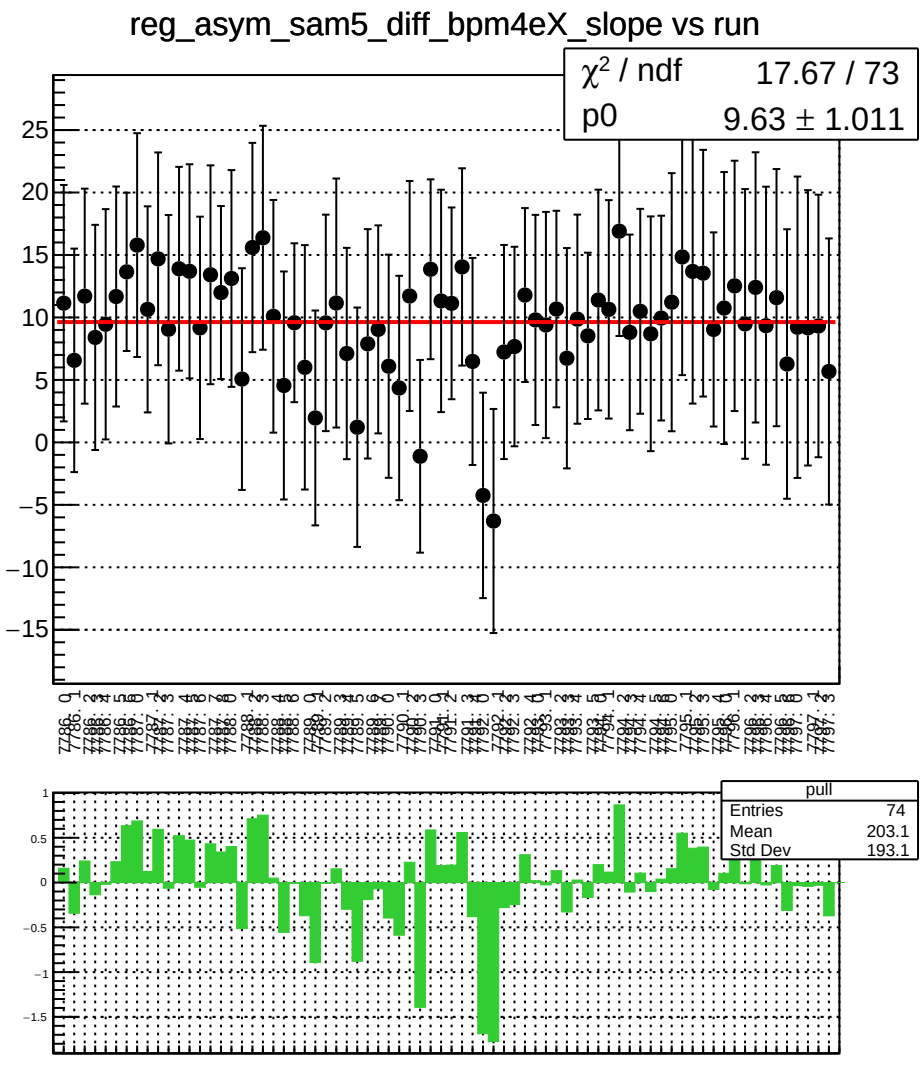

reg_asym_sam4_diff_bpm4eY_slope vs run
χ² / ndf 3.531 / 73
p0 77.9 ± 9.162
200
150
100
50
0
−50
pull
Entries 74
Mean 2093
Std Dev 2055
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
pull1D
Entries 74
Mean −0.00102
Std Dev 0.2184
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

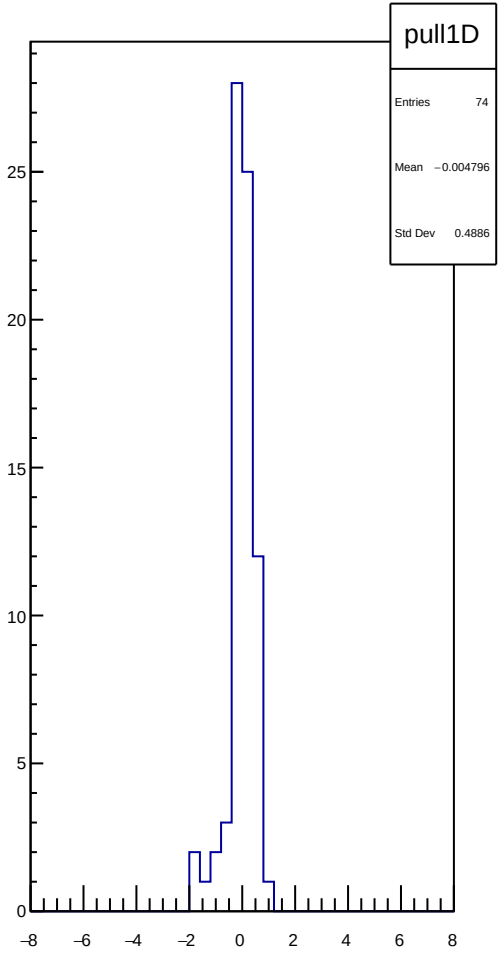

reg_asym_sam4_diff_bpm12X_slope vs run
χ² / ndf 3.504 / 73
p0 −4.525 ± 0.2846
pull
Entries 74
Mean 671.2
Std Dev 632.3

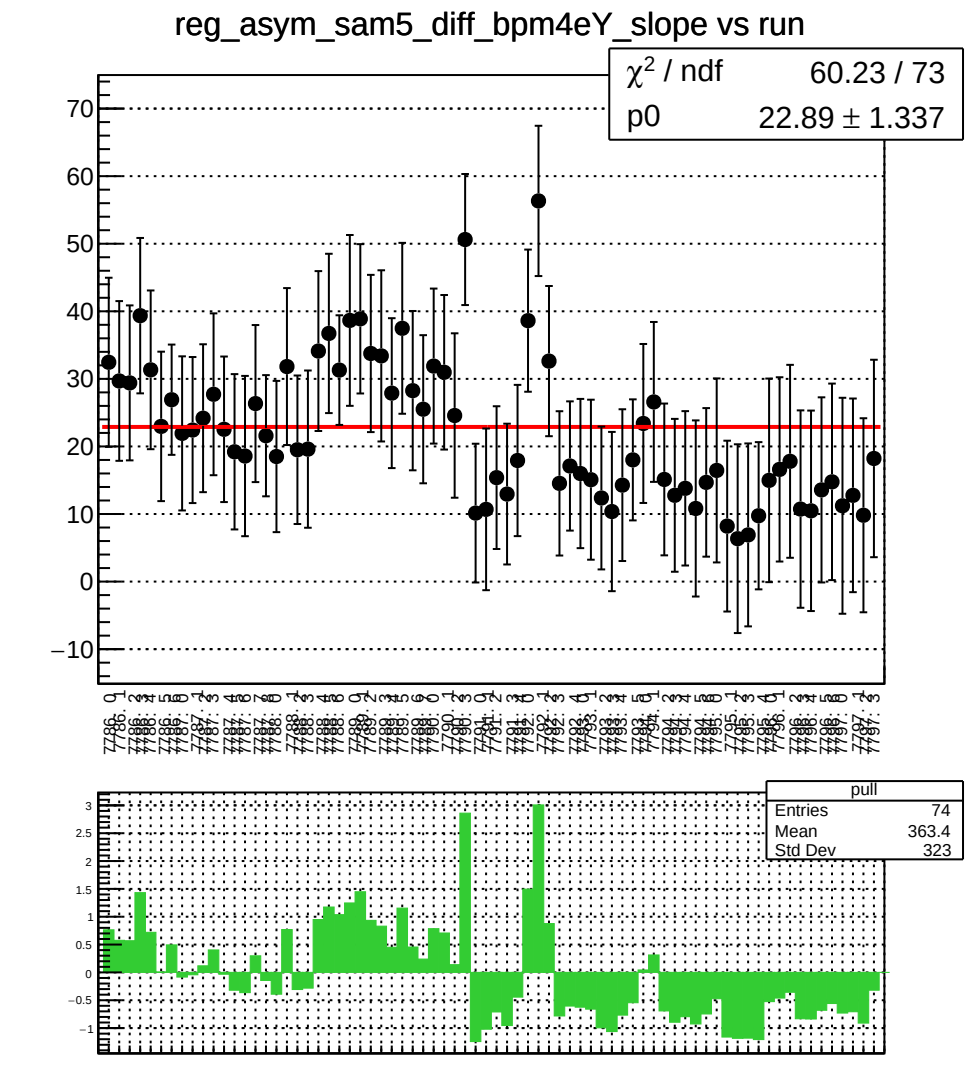

pull1D
Entries 74
Mean −0.003199
Std Dev 0.2176

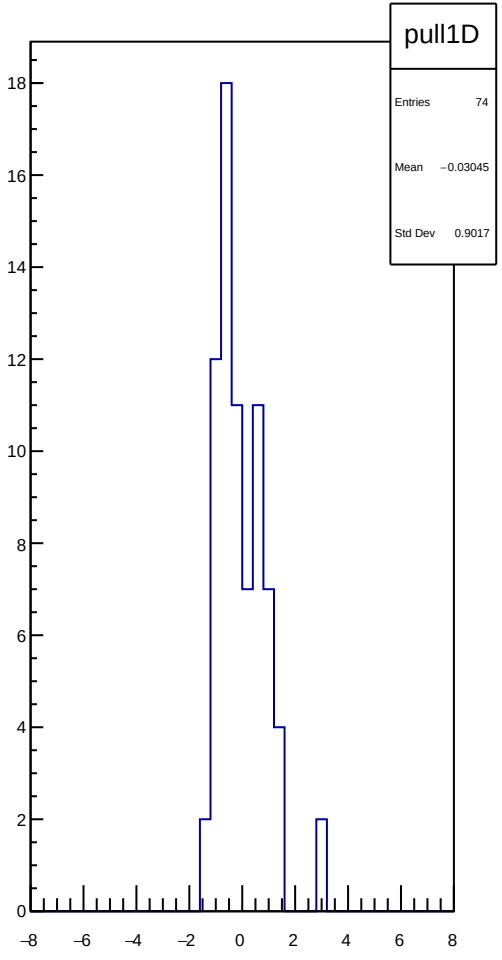

reg_asym_sam5_diff_bpm1X_slope vs run
χ² / ndf 18.48 / 73
p0 −5.032 ± 1.162
pull
Entries 74
Mean 133.8
Std Dev 140
pull1D
Entries 74
Mean 0.004458
Std Dev 0.4998

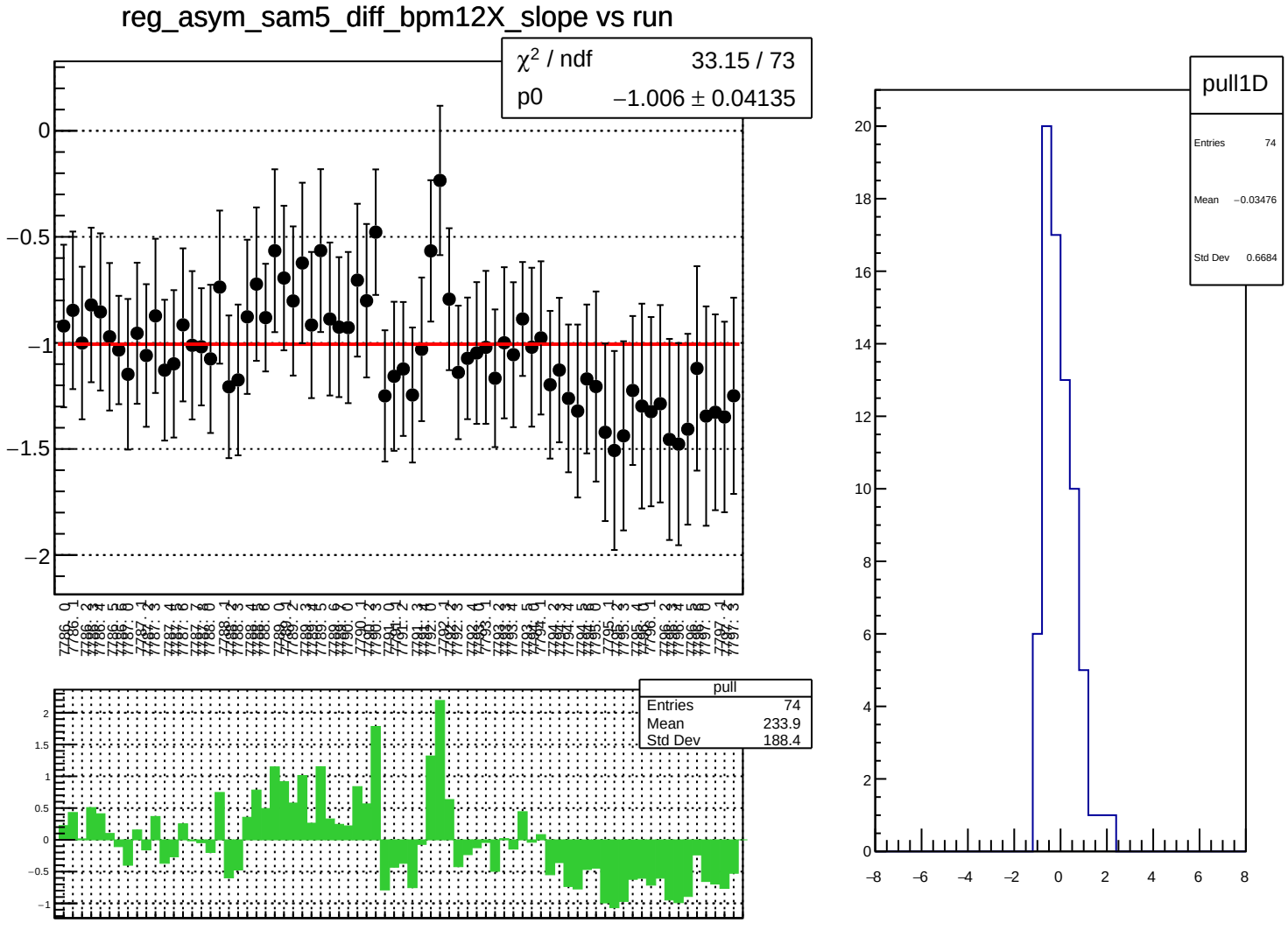

reg_asym_sam5_diff_bpm4aY_slope vs run
χ² / ndf 89.57 / 73
p0 116.7 ± 1.18
pull
Entries 74
Mean 276.3
Std Dev 234.2
pull1D
Entries 74
Mean 0.05033
Std Dev 1.099

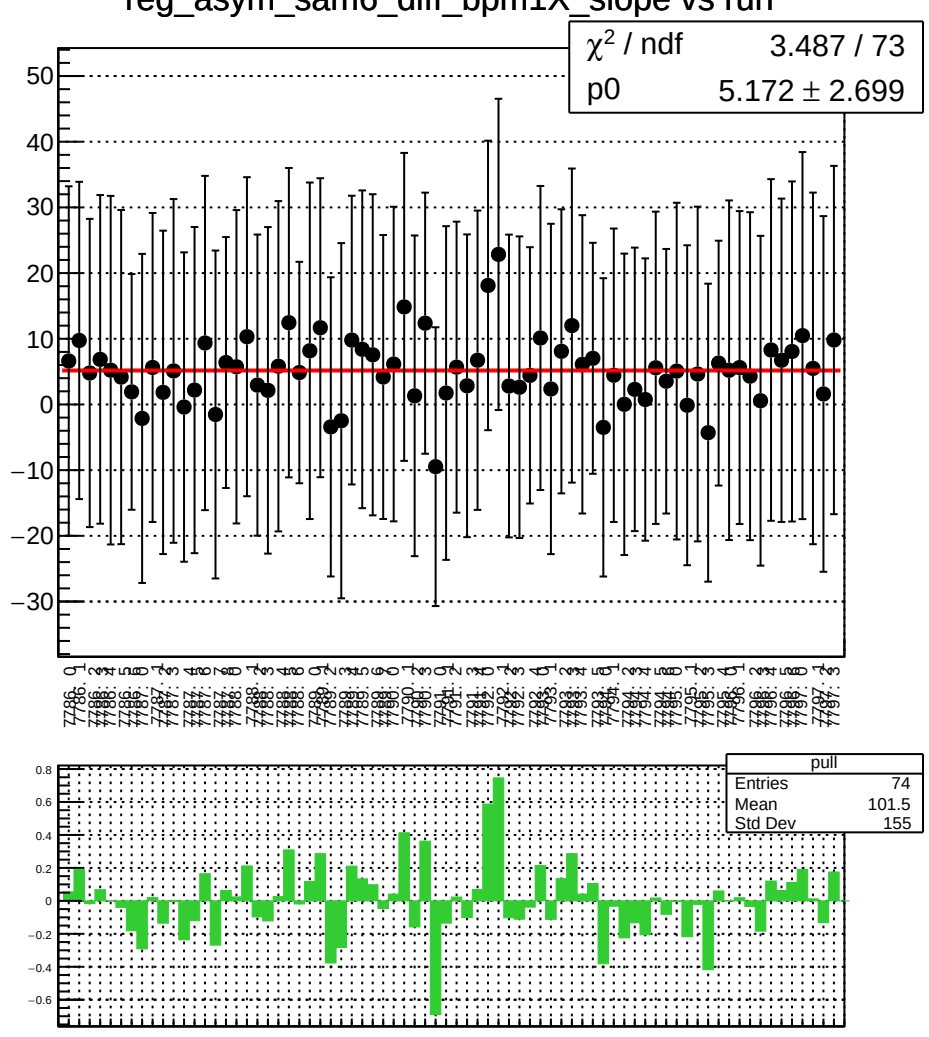

reg_asym_sam5_diff_bpm4eX_slope vs run
$\chi^2$ / ndf 17.67 / 73
p0 9.63 ± 1.011
pull
Entries 74
Mean 203.1
Std Dev 193.1

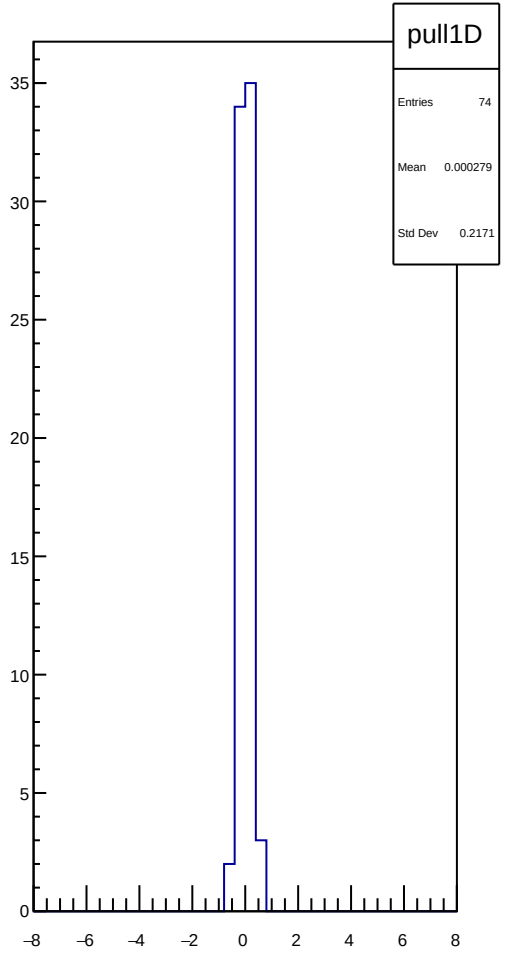

pull1D
Entries 74
Mean −0.004796
Std Dev 0.4886

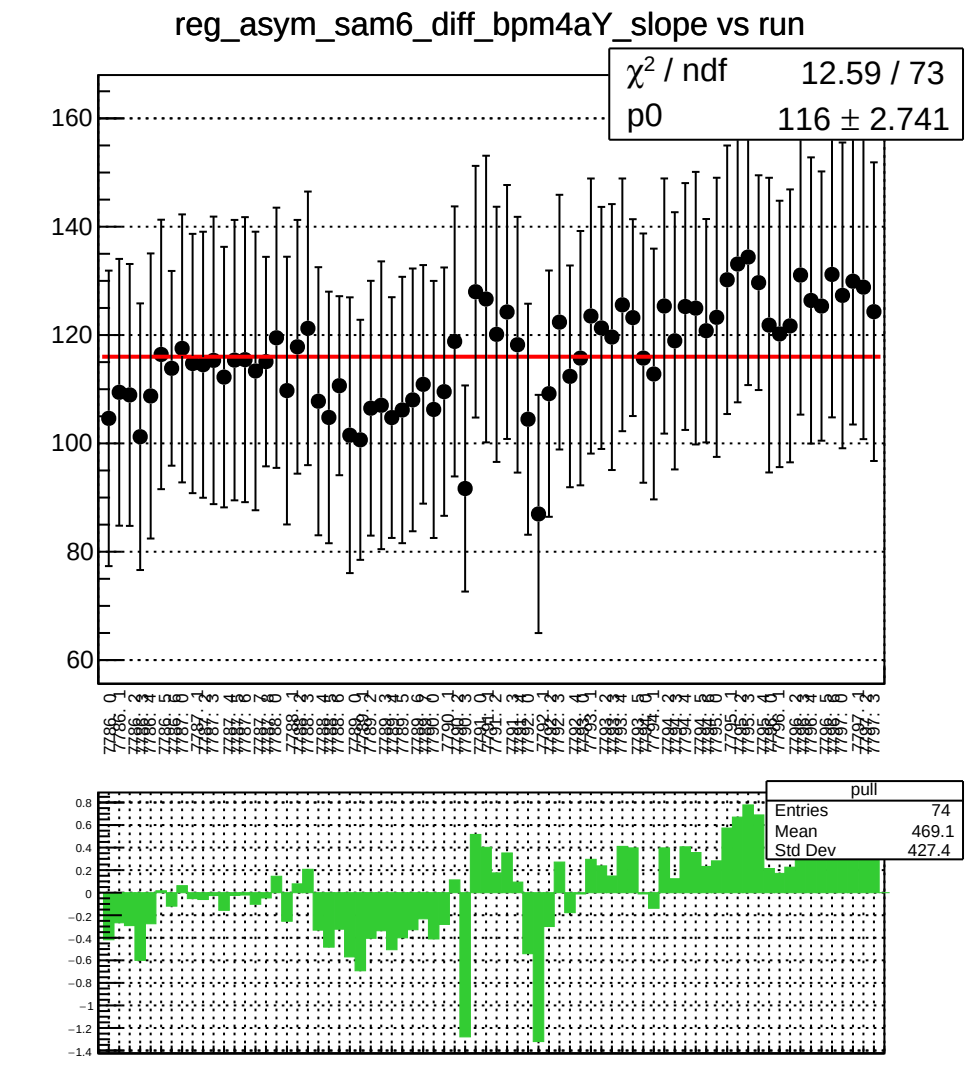

reg_asym_sam5_diff_bpm4eY_slope vs run
χ² / ndf 60.23 / 73
p0 22.89 ± 1.337
pull
Entries 74
Mean 363.4
Std Dev 323

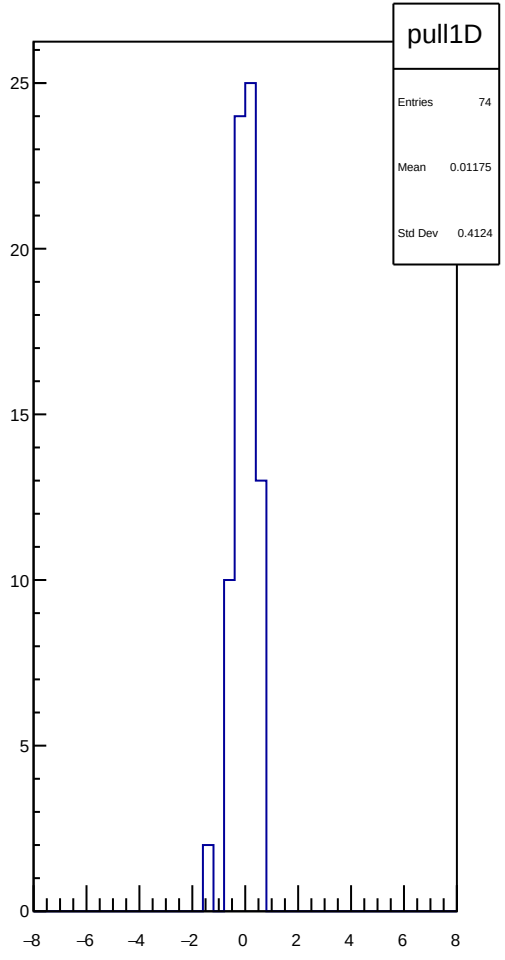

pull1D
Entries 74
Mean −0.03045
Std Dev 0.9017

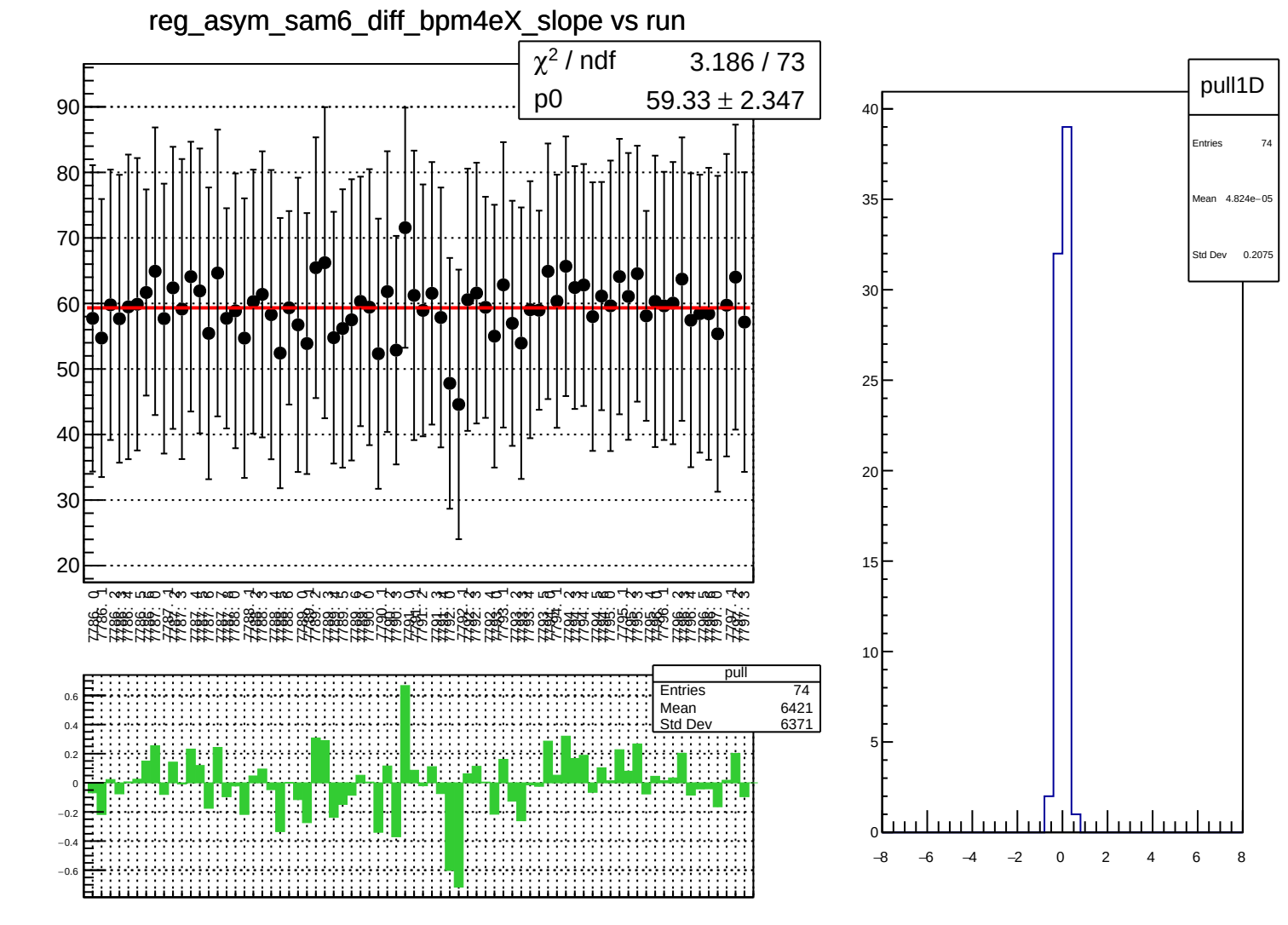

reg_asym_sam5_diff_bpm12X_slope vs run
χ² / ndf 33.15 / 73
p0 −1.006 ± 0.04135
pull
Entries 74
Mean 233.9
Std Dev 188.4
pull1D
Entries 74
Mean −0.03476
Std Dev 0.6684

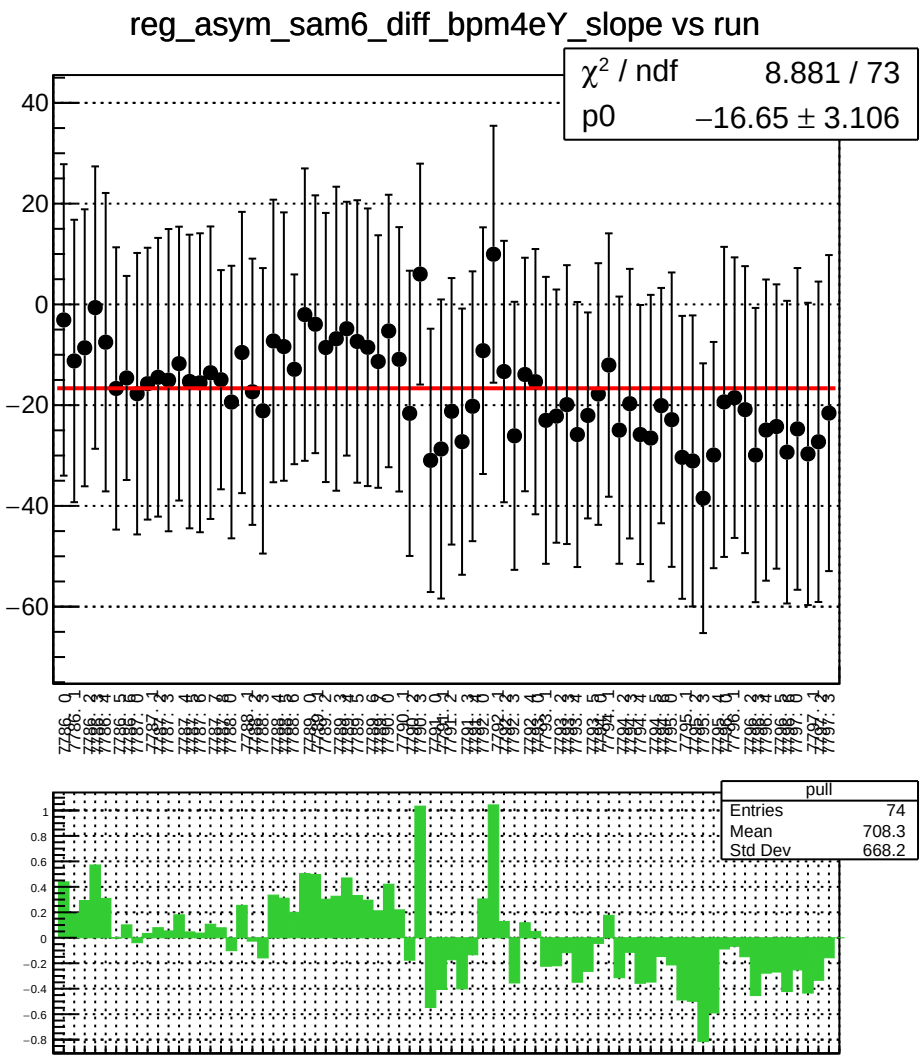

reg_asym_sam6_diff_bpm1X_slope vs run
$\chi^2$ / ndf 3.487 / 73
p0 5.172 ± 2.699
pull
Entries 74
Mean 101.5
Std Dev 155

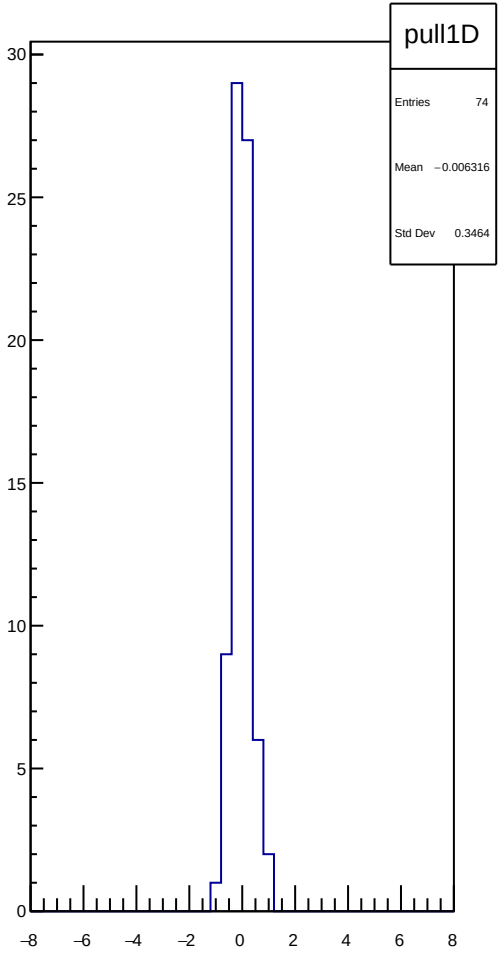

pull1D
Entries 74
Mean 0.000279
Std Dev 0.2171

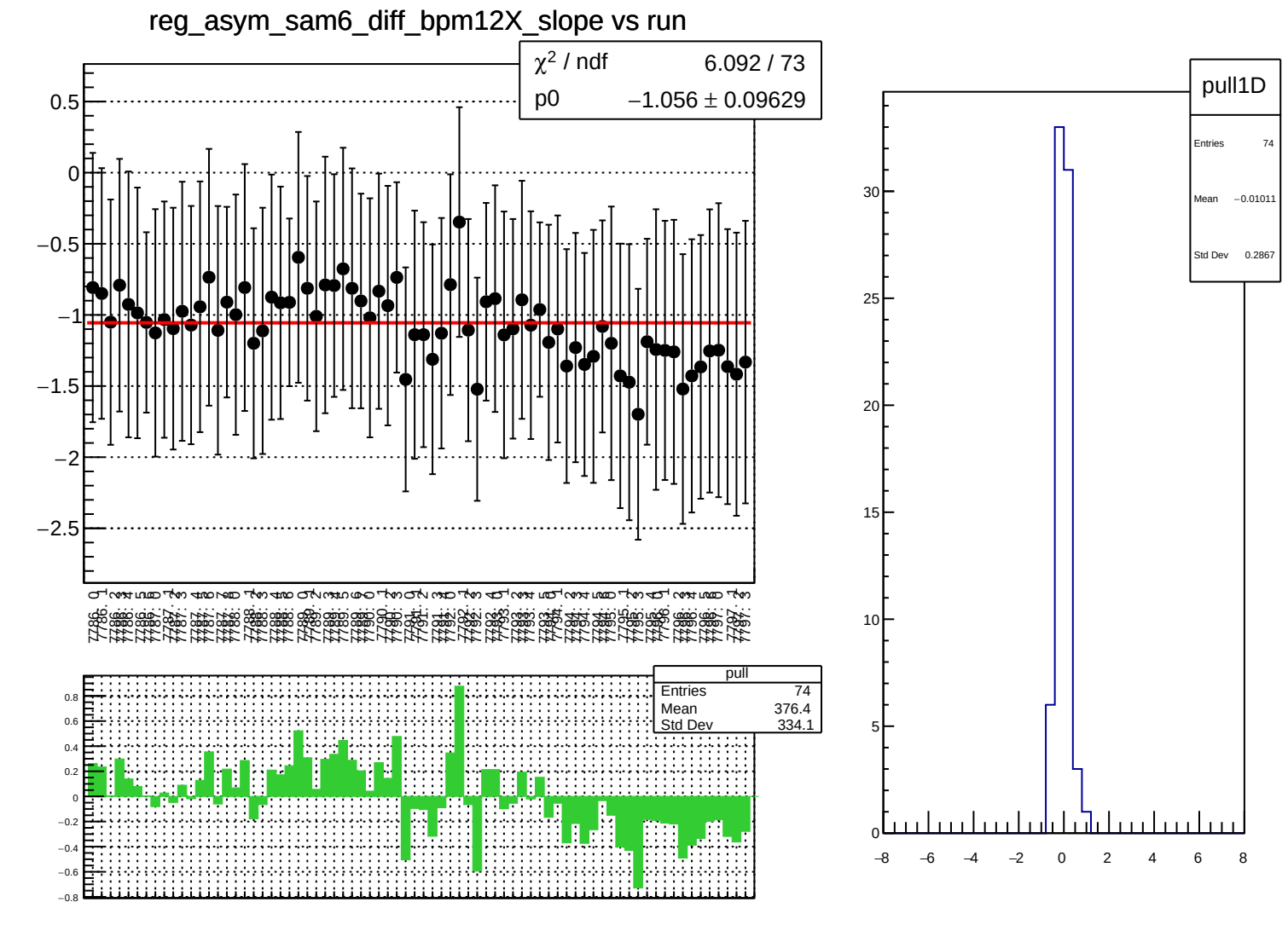

reg_asym_sam6_diff_bpm4aY_slope vs run
χ² / ndf 12.59 / 73
p0 116 ± 2.741
pull
Entries 74
Mean 469.1
Std Dev 427.4

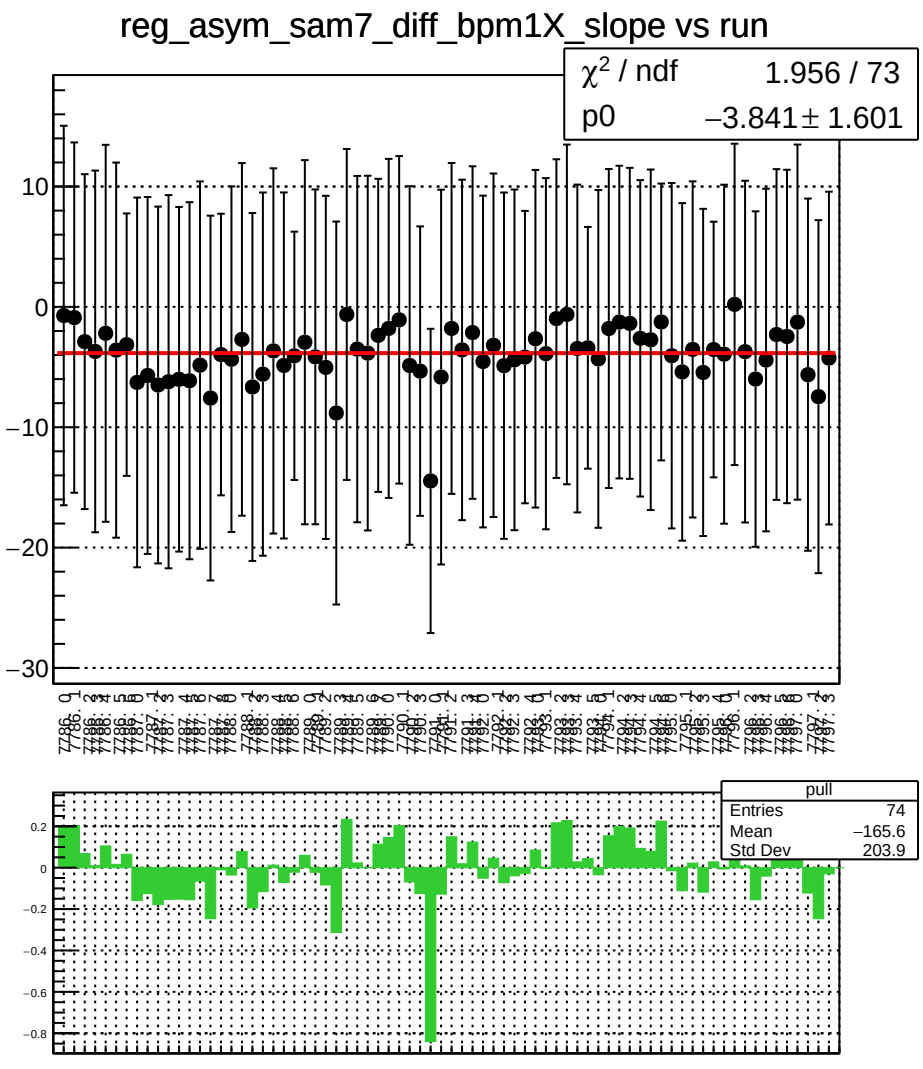

pull1D
Entries 74
Mean 0.01175
Std Dev 0.4124

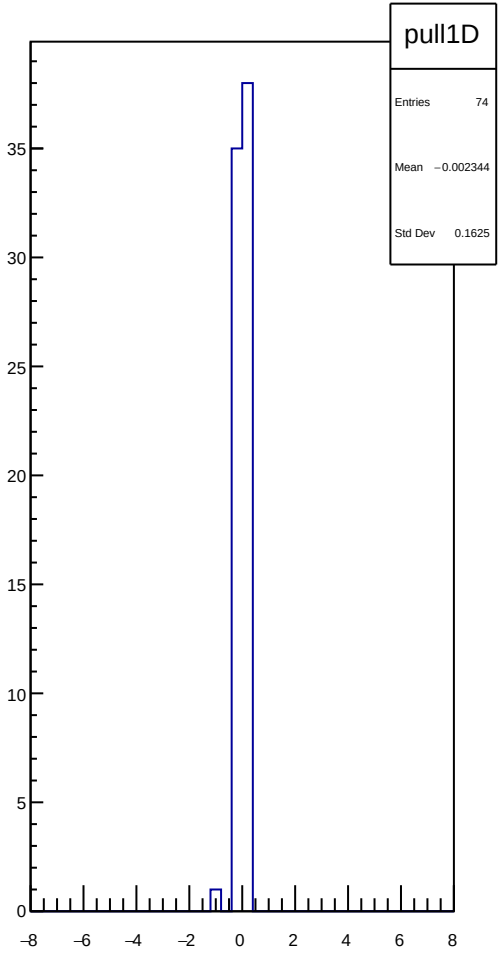

reg_asym_sam6_diff_bpm4eX_slope vs run
χ² / ndf 3.186 / 73
p0 59.33 ± 2.347
pull
Entries 74
Mean 6421
Std Dev 6371
pull1D
Entries 74
Mean 4.824e−05
Std Dev 0.2075

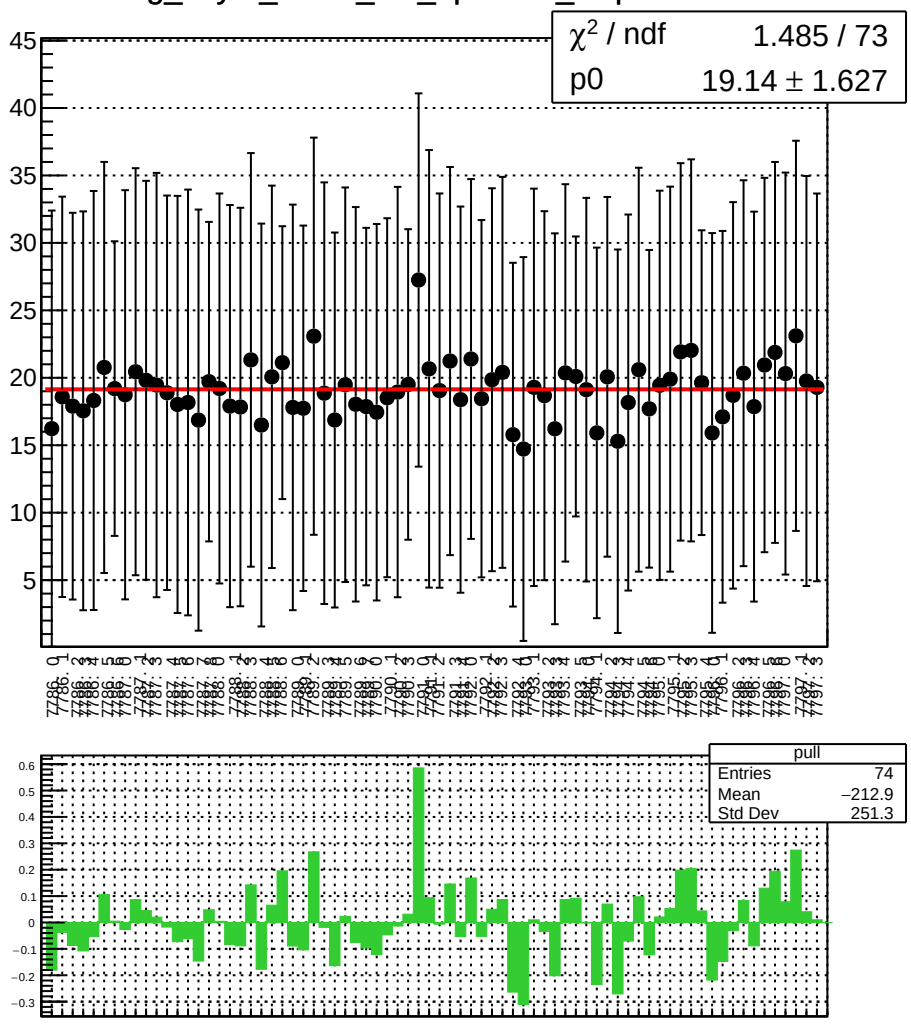

reg_asym_sam6_diff_bpm4eY_slope vs run
χ² / ndf 8.881 / 73
p0 −16.65 ± 3.106
pull
Entries 74
Mean 708.3
Std Dev 668.2

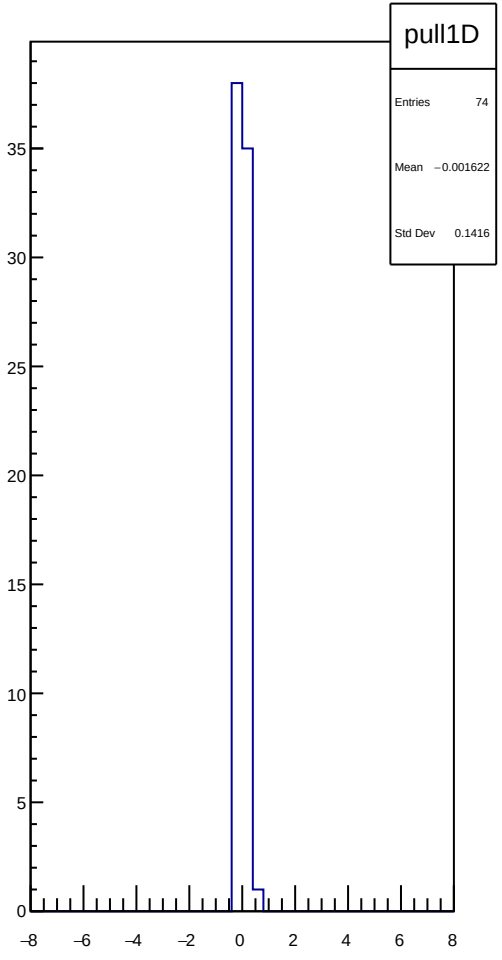

pull1D
Entries 74
Mean −0.006316
Std Dev 0.3464

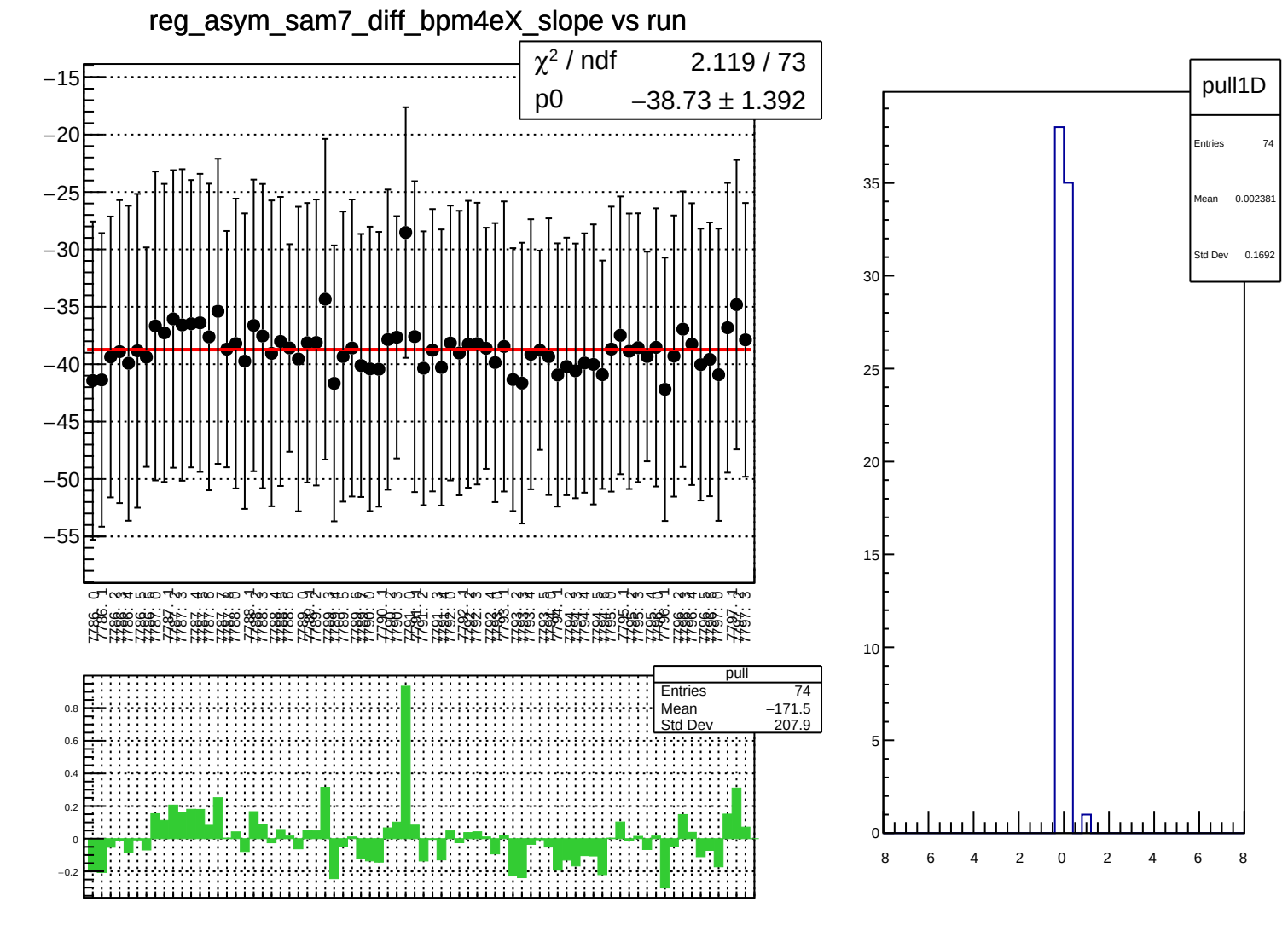

reg_asym_sam6_diff_bpm12X_slope vs run
χ² / ndf 6.092 / 73
p0 −1.056 ± 0.09629
pull
Entries 74
Mean 376.4
Std Dev 334.1
pull1D
Entries 74
Mean −0.01011
Std Dev 0.2867

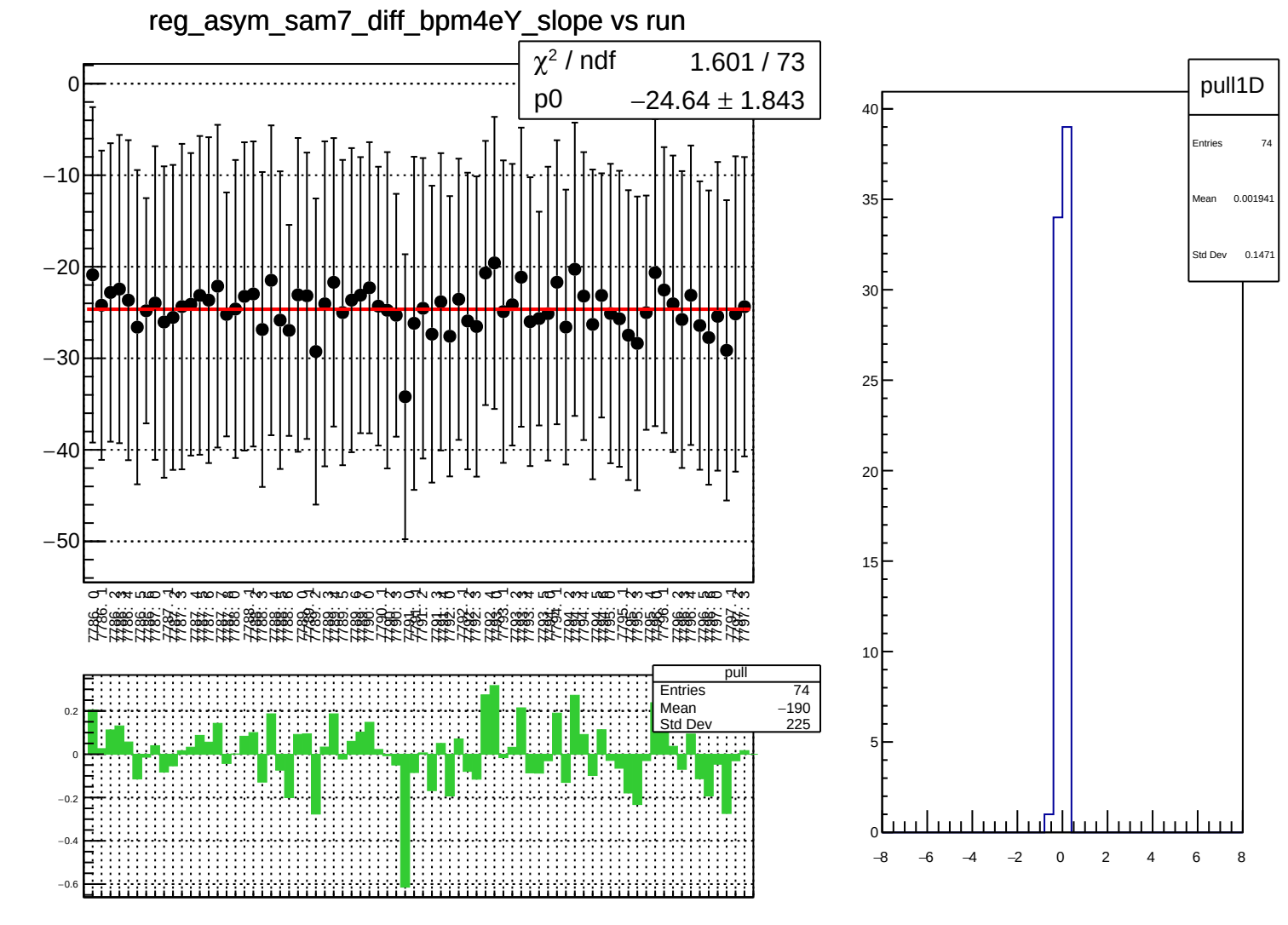

reg_asym_sam7_diff_bpm1X_slope vs run
χ² / ndf 1.956 / 73
p0 −3.841 ± 1.601
pull
Entries 74
Mean −165.6
Std Dev 203.9

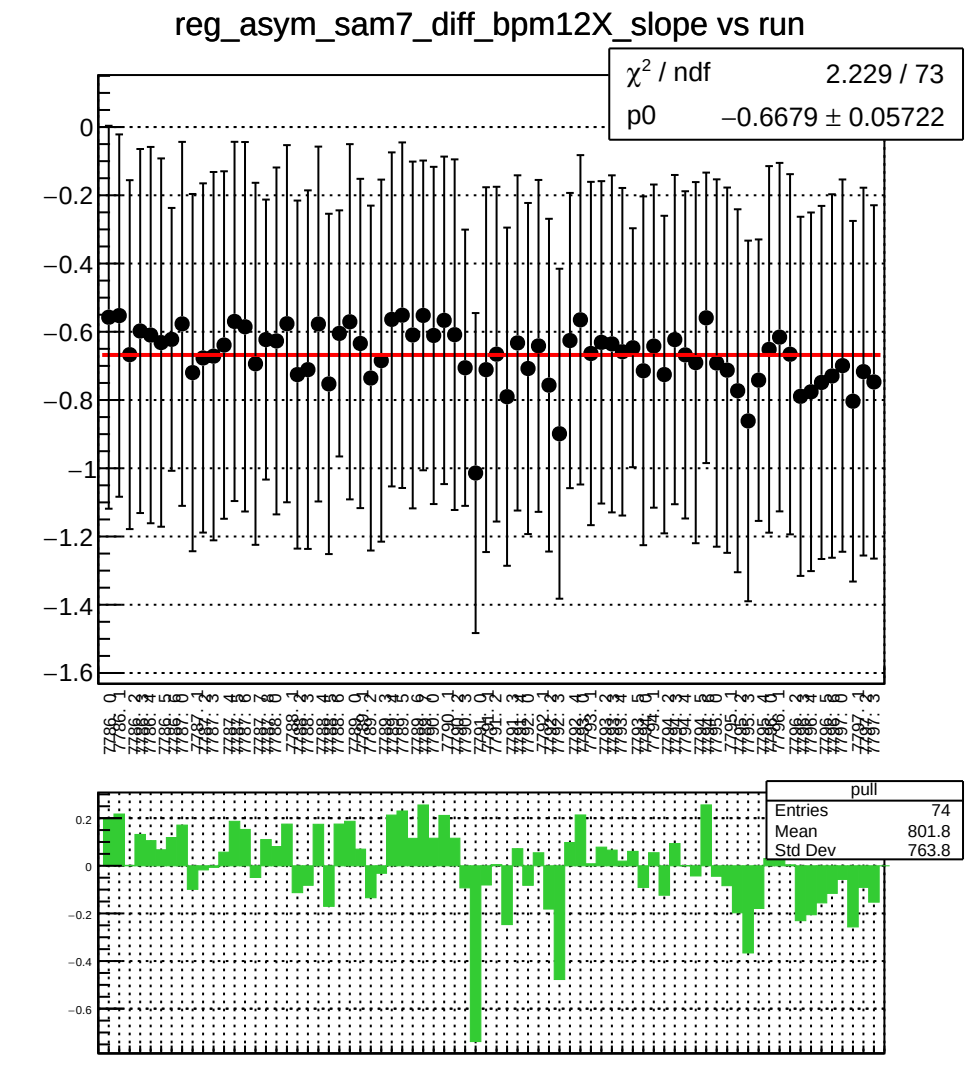

pull1D
Entries 74
Mean −0.002344
Std Dev 0.1625

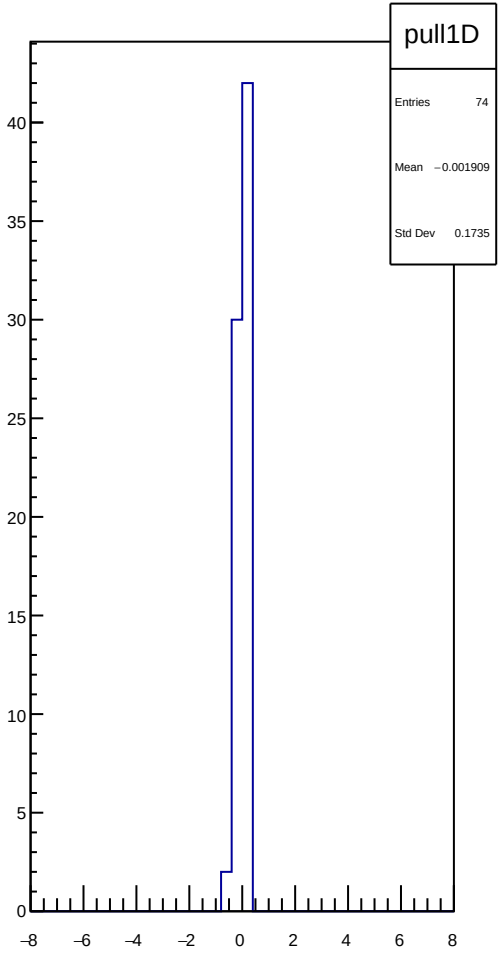

reg_asym_sam7_diff_bpm4aY_slope vs run
χ² / ndf 1.485 / 73
p0 19.14 ± 1.627
pull
Entries 74
Mean −212.9
Std Dev 251.3

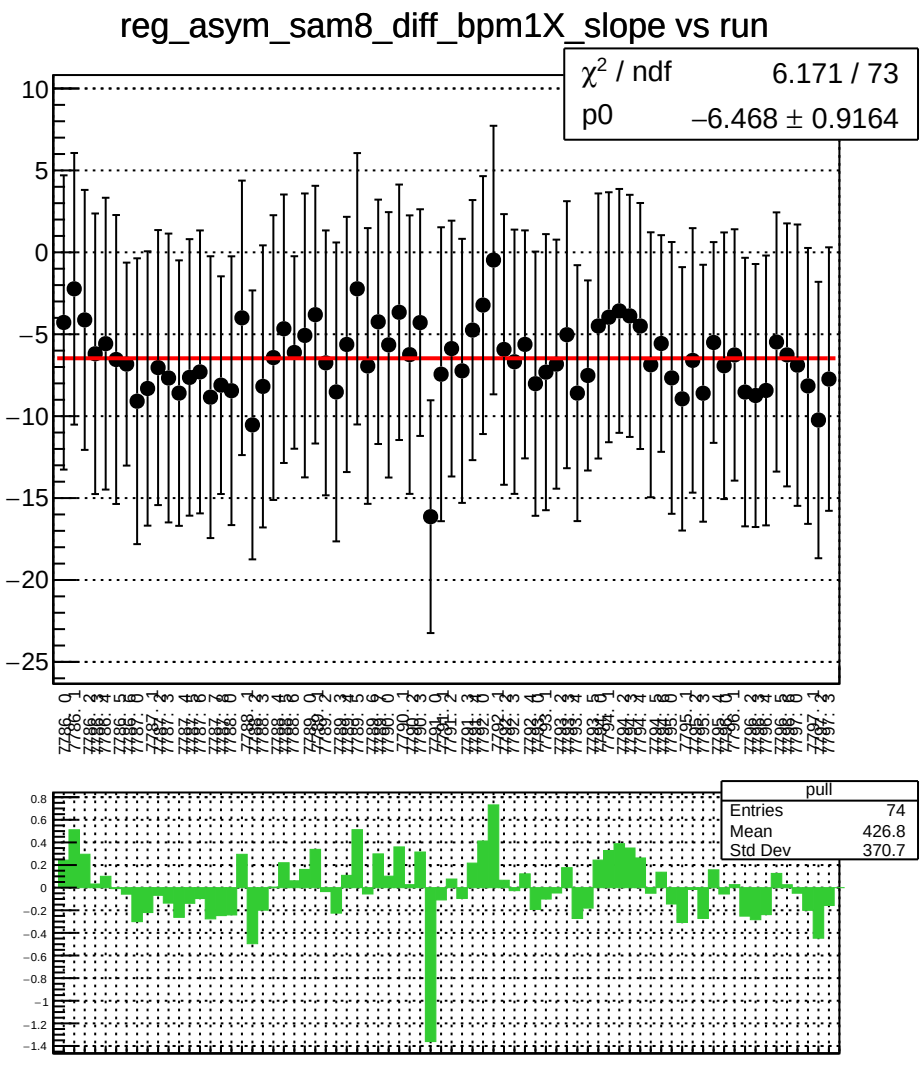

pull1D
Entries 74
Mean −0.001622
Std Dev 0.1416

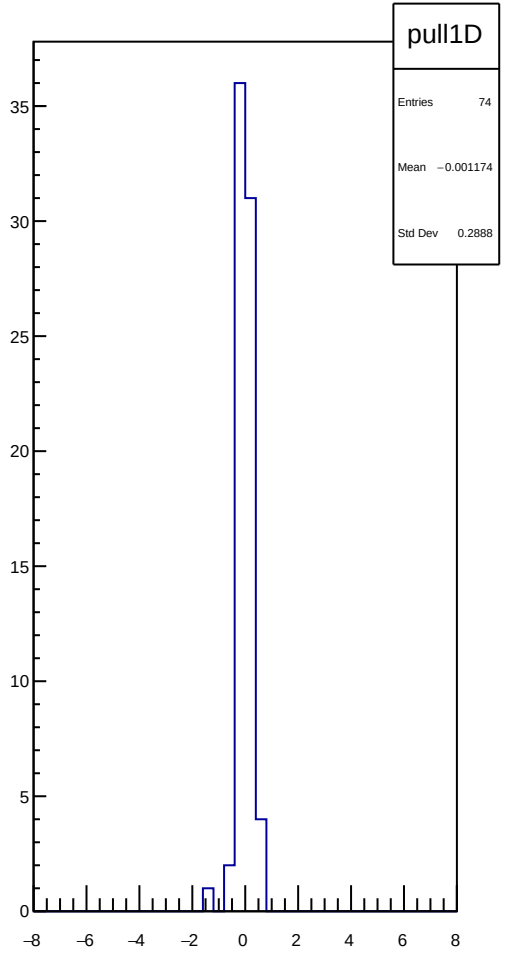

reg_asym_sam7_diff_bpm4eX_slope vs run
χ² / ndf 2.119 / 73
p0 −38.73 ± 1.392
pull
Entries 74
Mean −171.5
Std Dev 207.9
pull1D
Entries 74
Mean 0.002381
Std Dev 0.1692

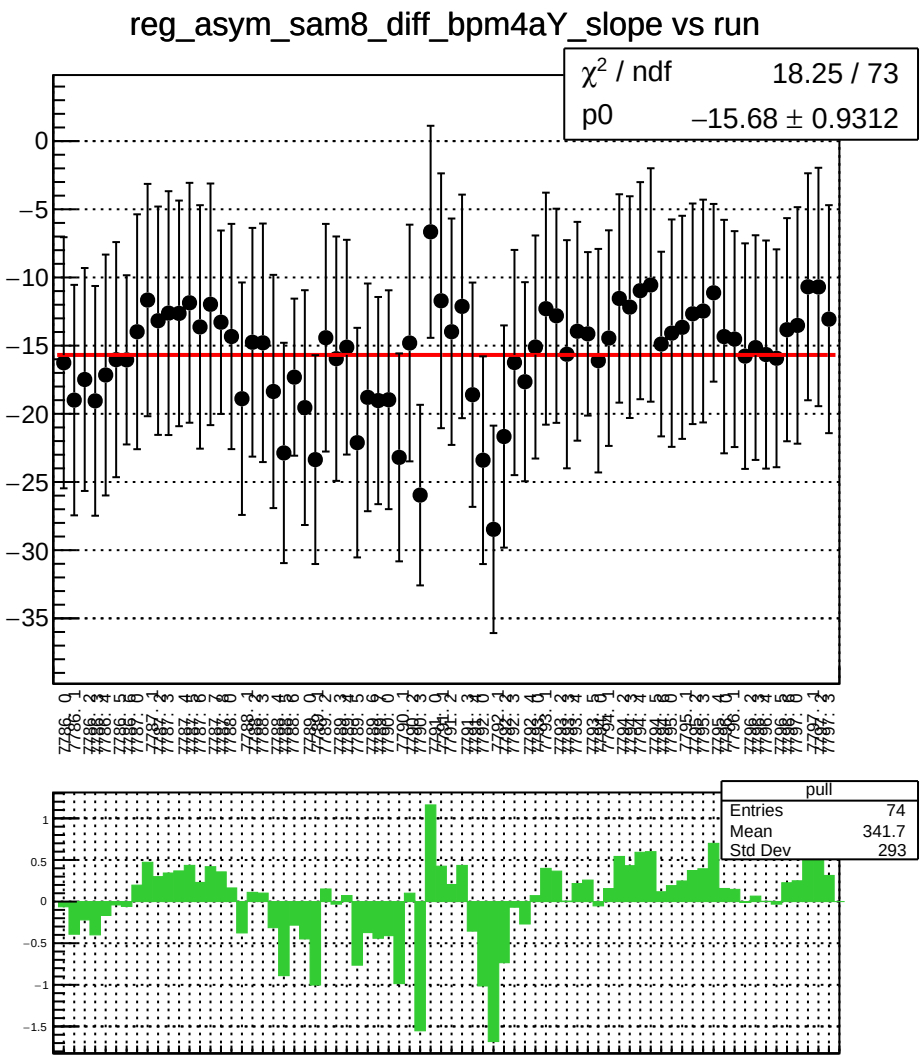

reg_asym_sam7_diff_bpm4eY_slope vs run
χ² / ndf 1.601 / 73
p0 −24.64 ± 1.843
pull
Entries 74
Mean −190
Std Dev 225
pull1D
Entries 74
Mean 0.001941
Std Dev 0.1471

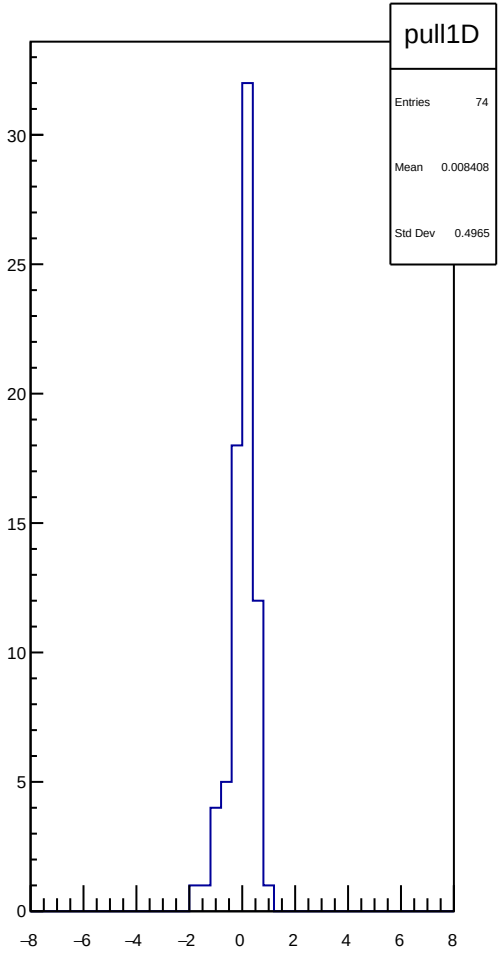

reg_asym_sam7_diff_bpm12X_slope vs run
χ² / ndf 2.229 / 73
p0 −0.6679 ± 0.05722
pull
Entries 74
Mean 801.8
Std Dev 763.8

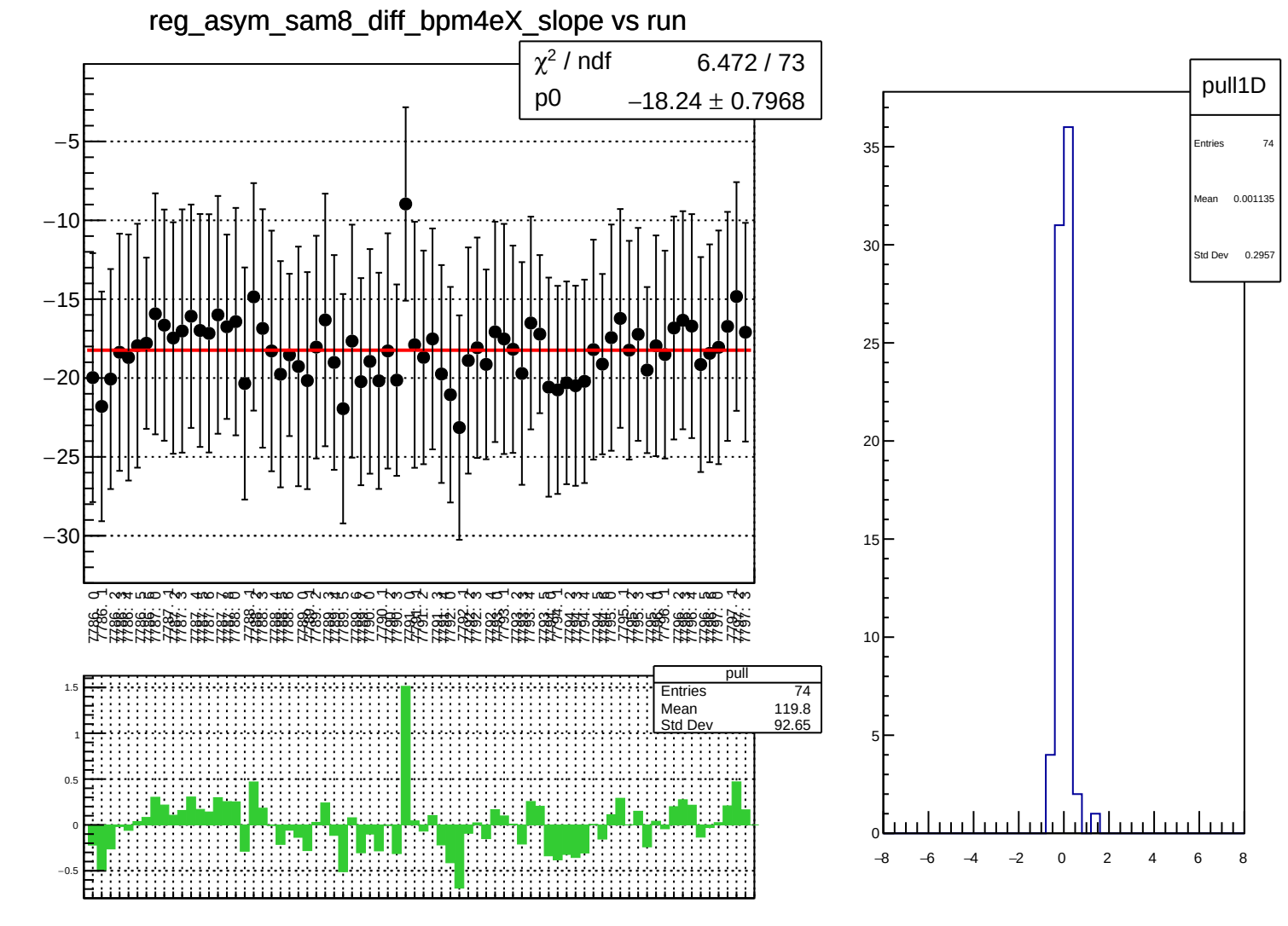

pull1D
Entries 74
Mean −0.001909
Std Dev 0.1735

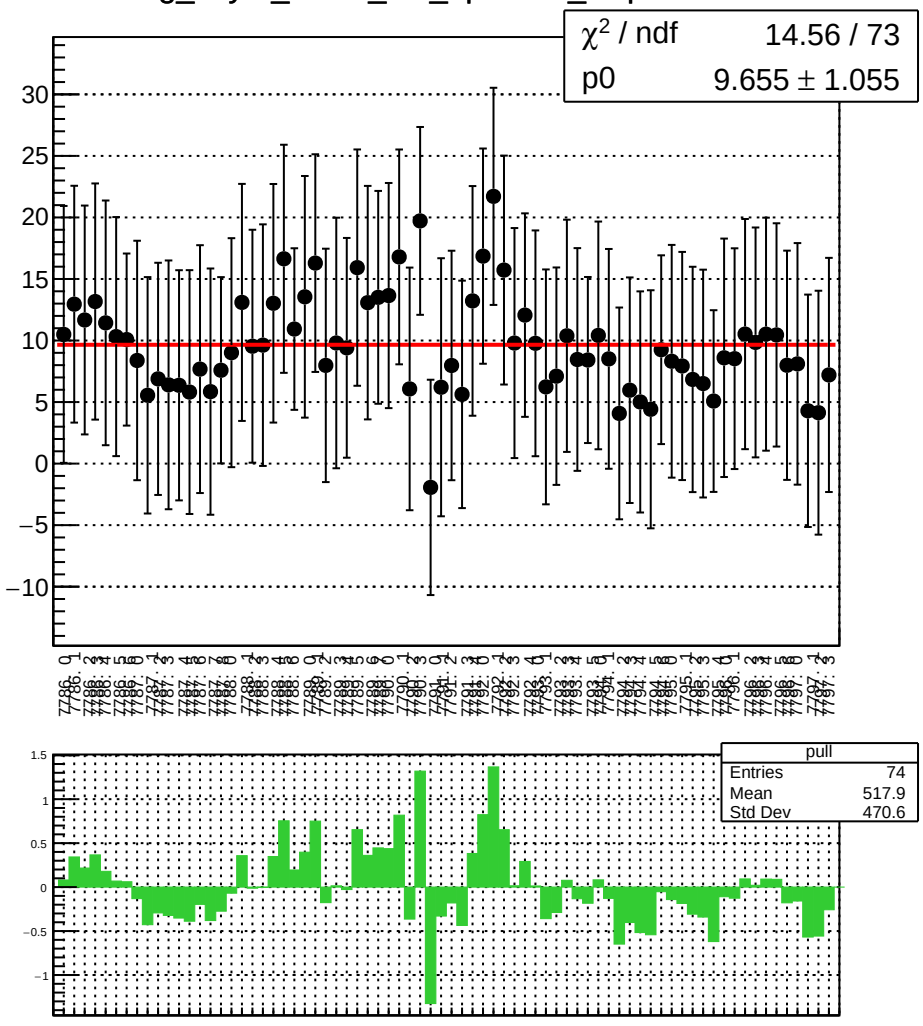

reg_asym_sam8_diff_bpm1X_slope vs run
χ² / ndf 6.171 / 73
p0 −6.468 ± 0.9164
pull
Entries 74
Mean 426.8
Std Dev 370.7

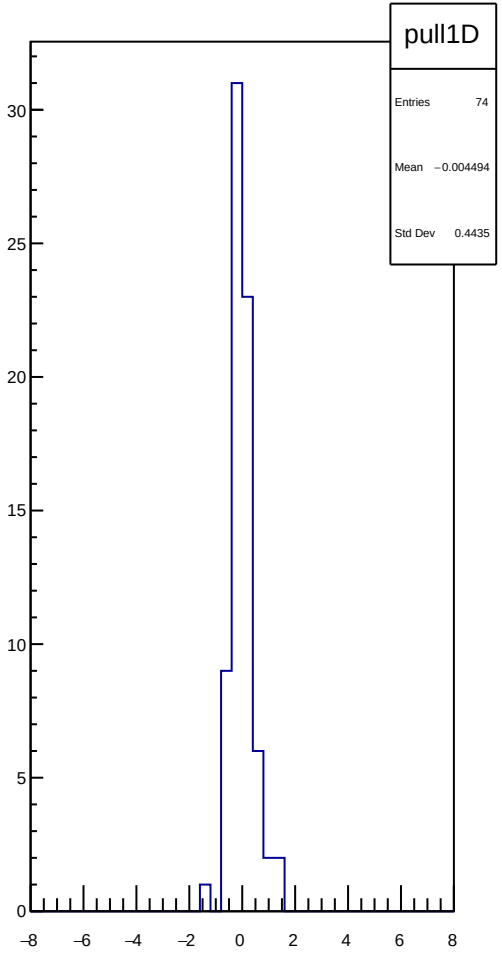

pull1D
Entries 74
Mean −0.001174
Std Dev 0.2888

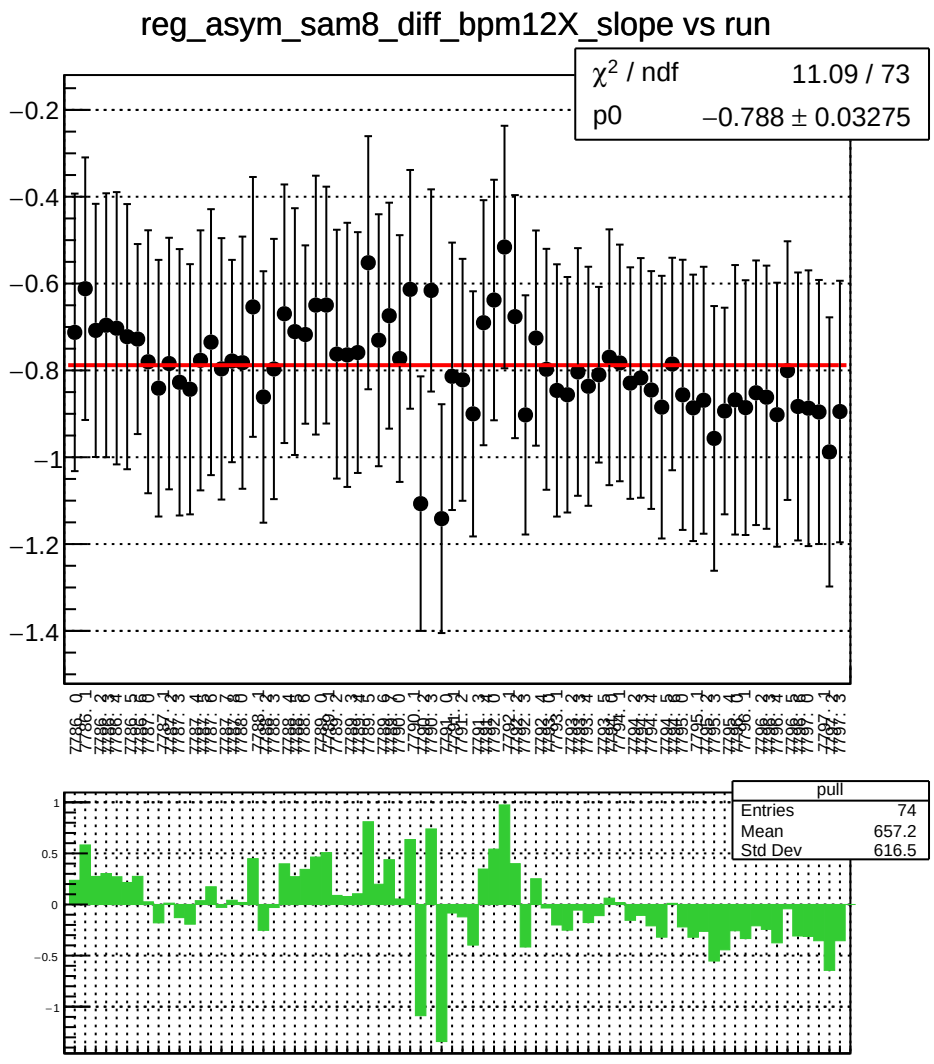

reg_asym_sam8_diff_bpm4aY_slope vs run
χ² / ndf 18.25 / 73
p0 −15.68 ± 0.9312
pull
Entries 74
Mean 341.7
Std Dev 293

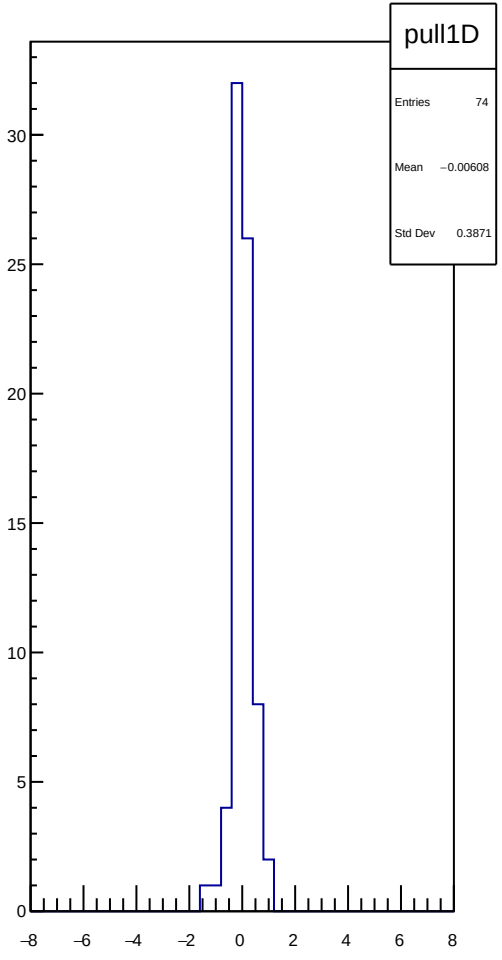

pull1D
Entries 74
Mean 0.008408
Std Dev 0.4965

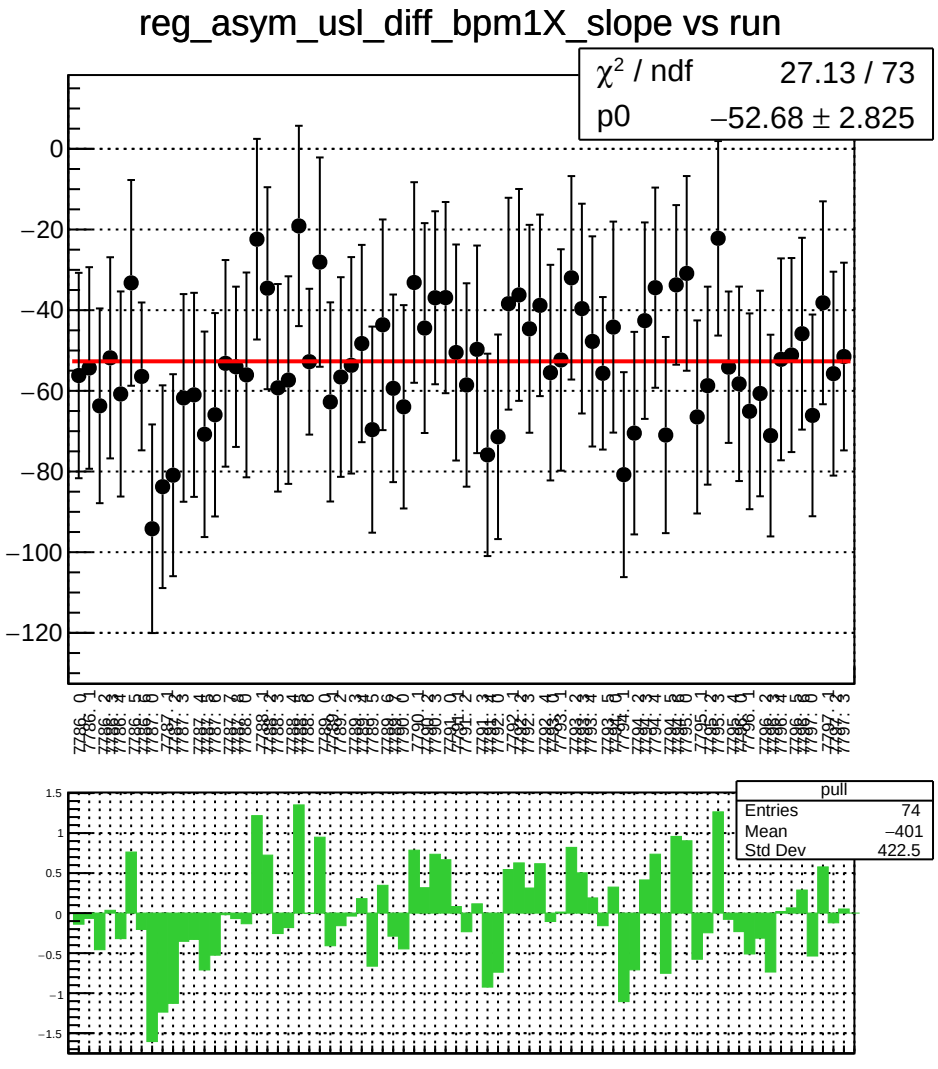

reg_asym_sam8_diff_bpm4eX_slope vs run
χ² / ndf 6.472 / 73
p0 −18.24 ± 0.7968
pull
Entries 74
Mean 119.8
Std Dev 92.65
pull1D
Entries 74
Mean 0.001135
Std Dev 0.2957

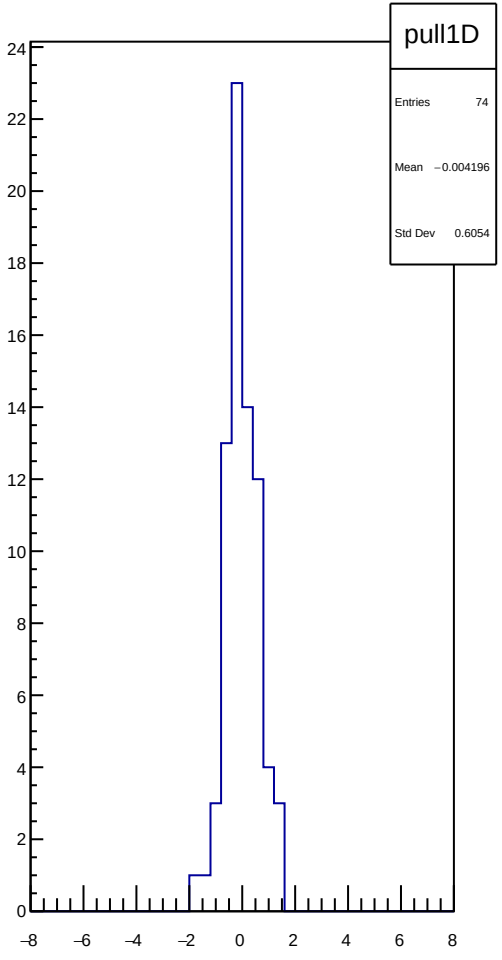

reg_asym_sam8_diff_bpm4eY_slope vs run
χ² / ndf 14.56 / 73
p0 9.655 ± 1.055
pull
Entries 74
Mean 517.9
Std Dev 470.6

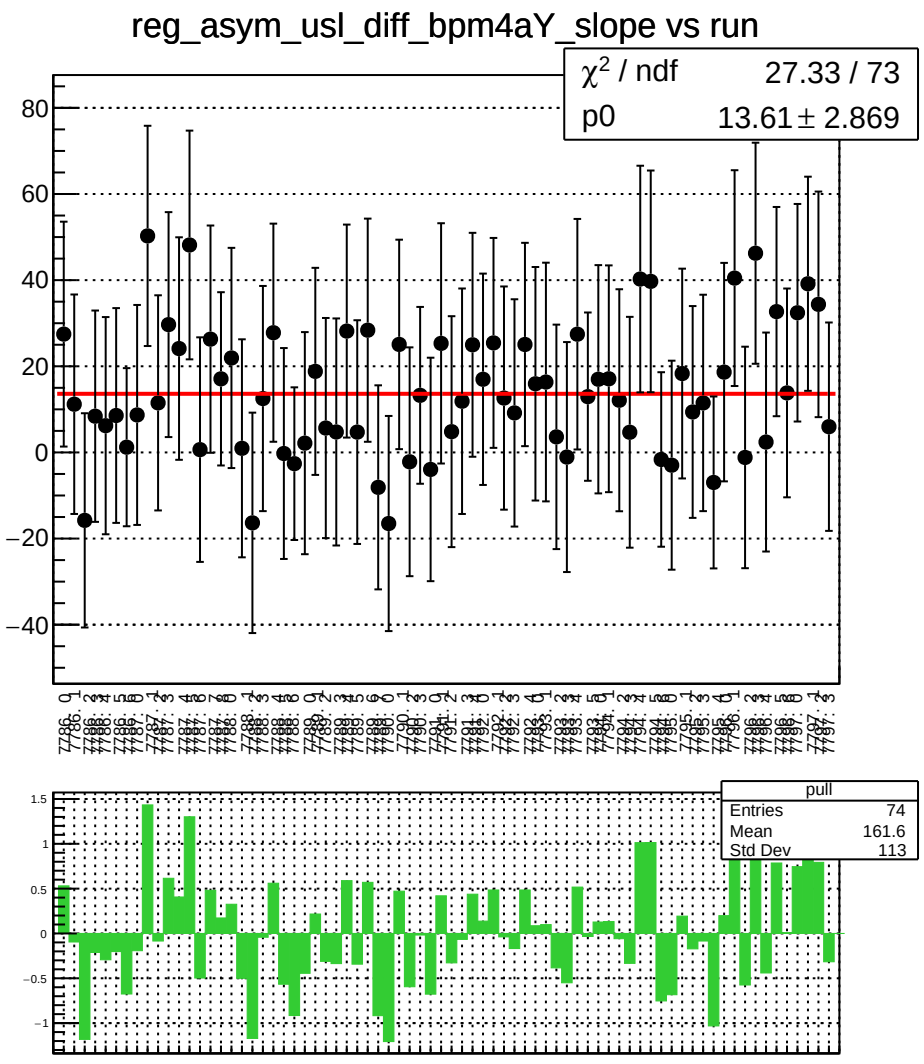

pull1D
Entries 74
Mean −0.004494
Std Dev 0.4435

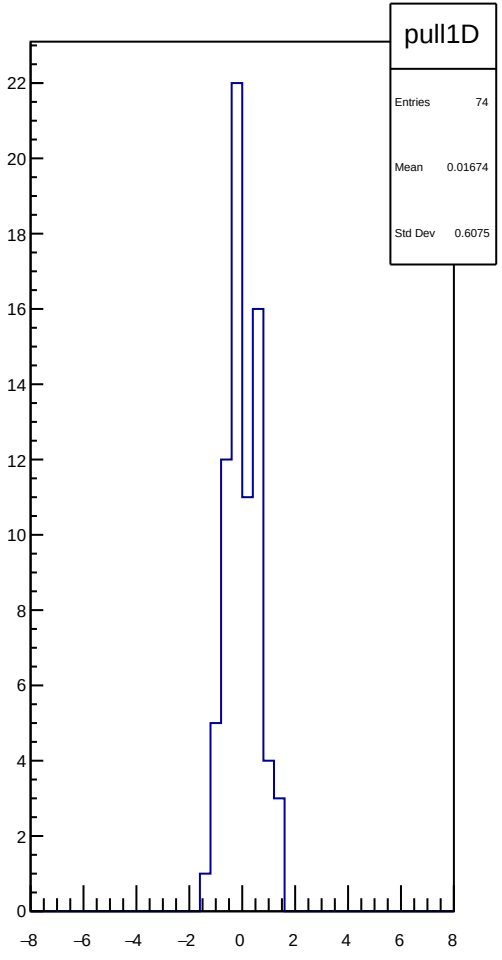

reg_asym_sam8_diff_bpm12X_slope vs run
χ² / ndf 11.09 / 73
p0 −0.788 ± 0.03275
pull
Entries 74
Mean 657.2
Std Dev 616.5

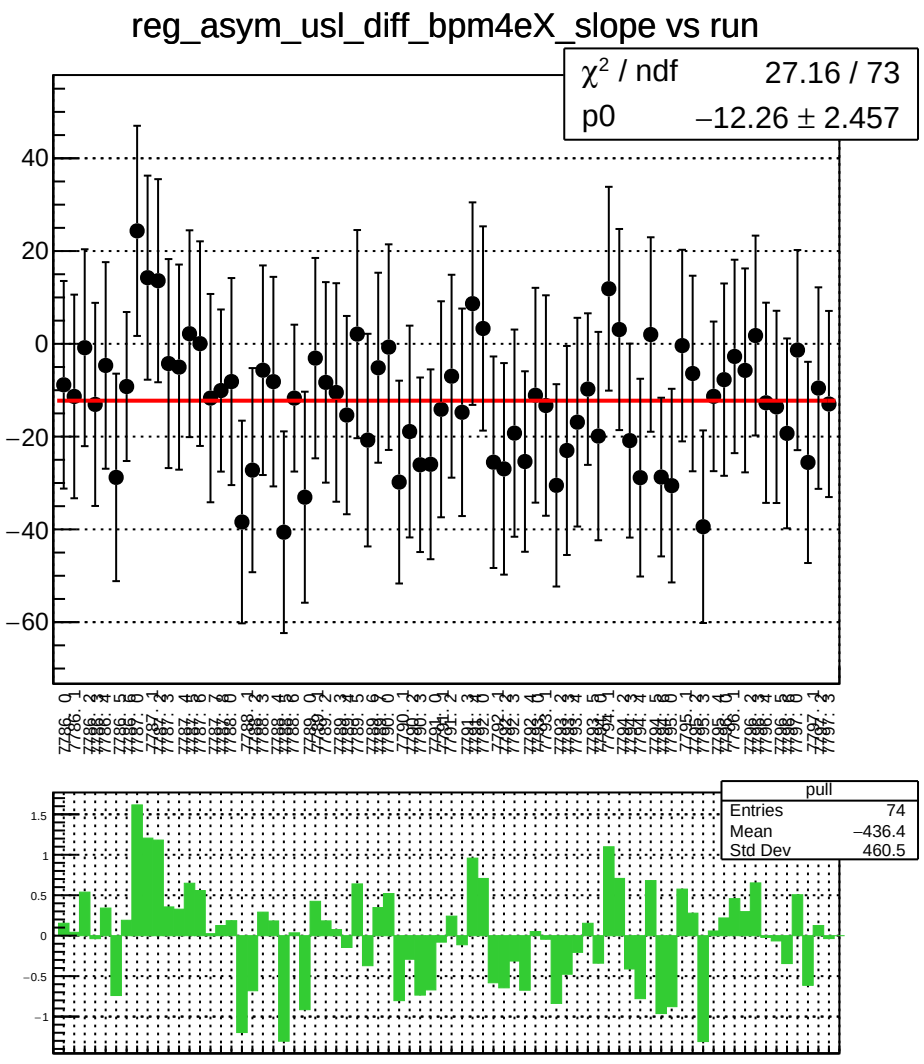

pull1D
Entries 74
Mean −0.00608
Std Dev 0.3871

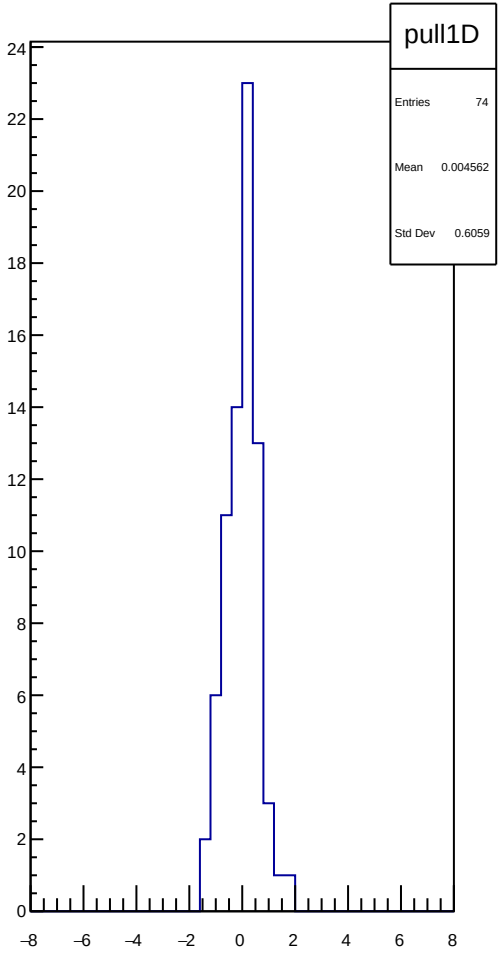

reg_asym_usl_diff_bpm1X_slope vs run
χ² / ndf 27.13 / 73
p0 −52.68 ± 2.825
pull
Entries 74
Mean −401
Std Dev 422.5

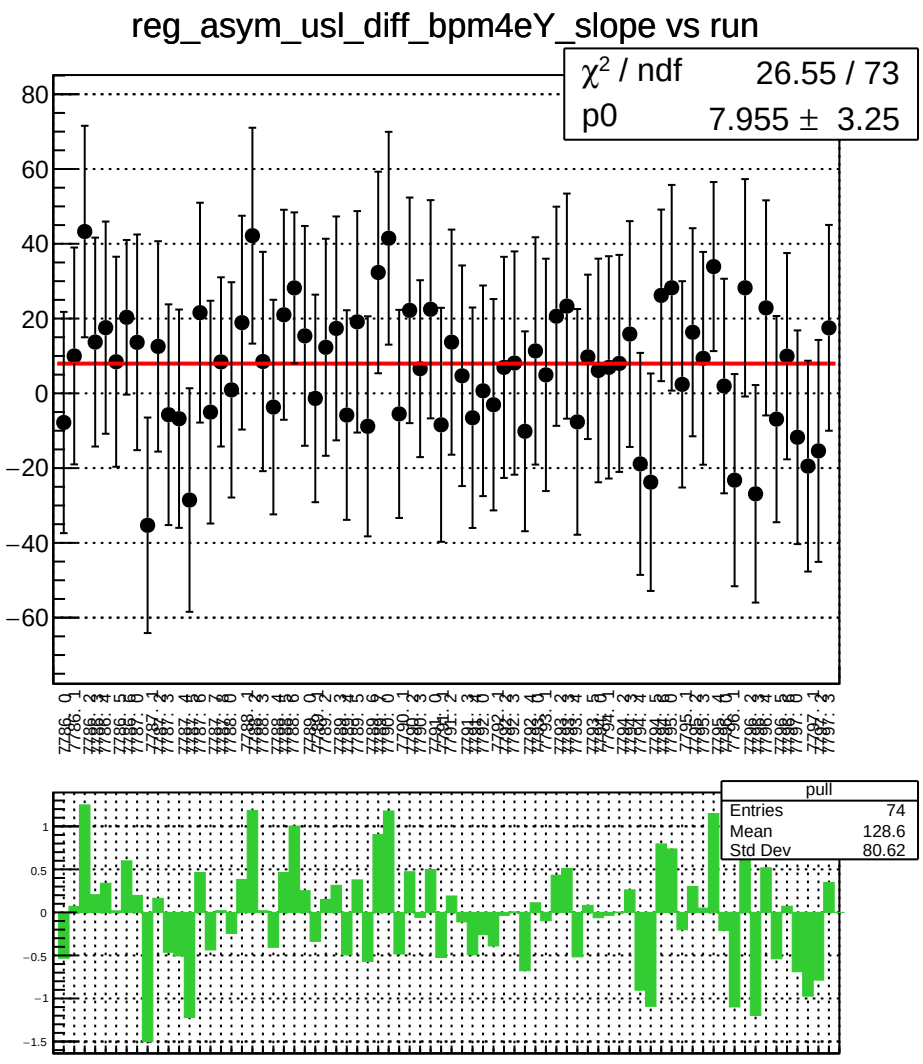

pull1D
Entries 74
Mean −0.004196
Std Dev 0.6054

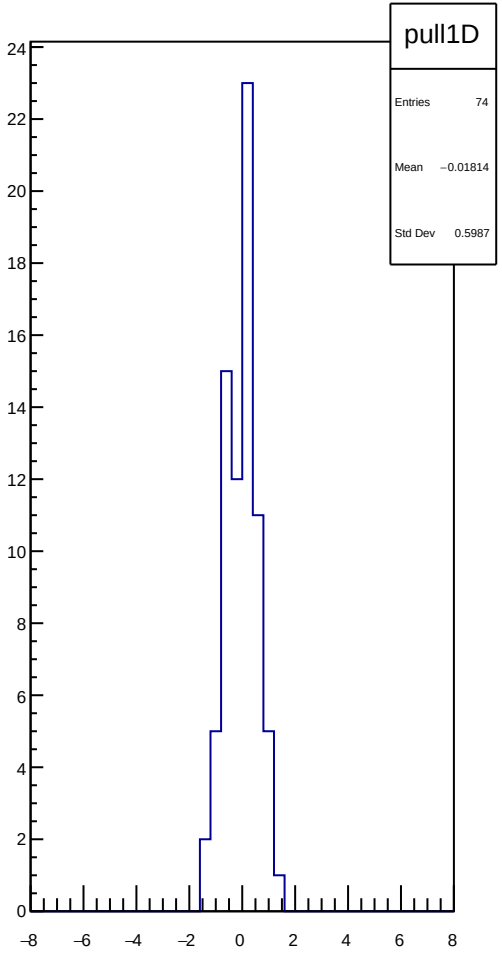

reg_asym_usl_diff_bpm4aY_slope vs run
χ² / ndf 27.33 / 73
p0 13.61 ± 2.869
pull
Entries 74
Mean 161.6
Std Dev 113

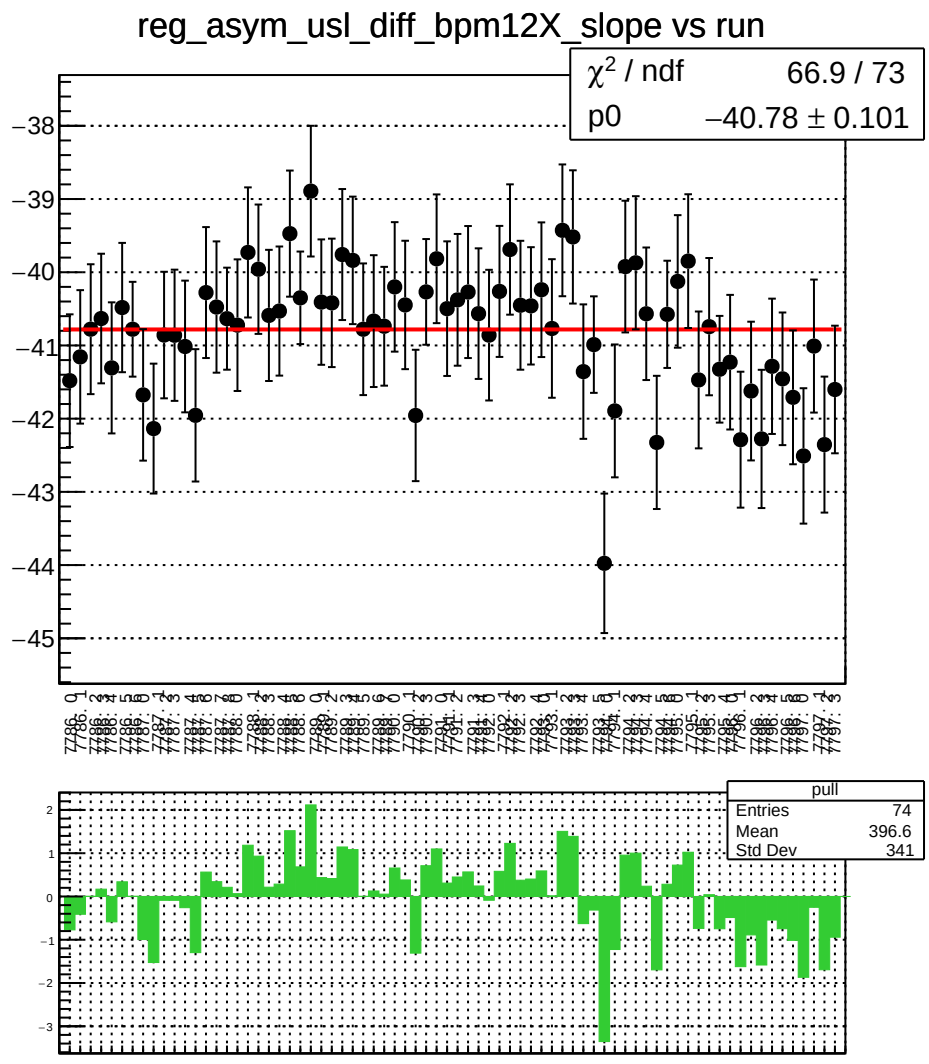

pull1D
Entries 74
Mean 0.01674
Std Dev 0.6075

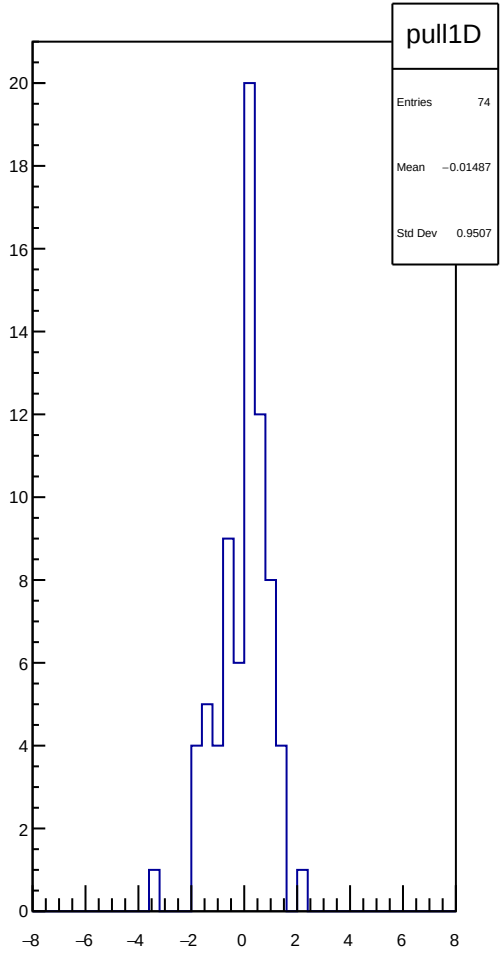

reg_asym_usl_diff_bpm4eX_slope vs run
χ² / ndf 27.16 / 73
p0 −12.26 ± 2.457
pull
Entries 74
Mean −436.4
Std Dev 460.5

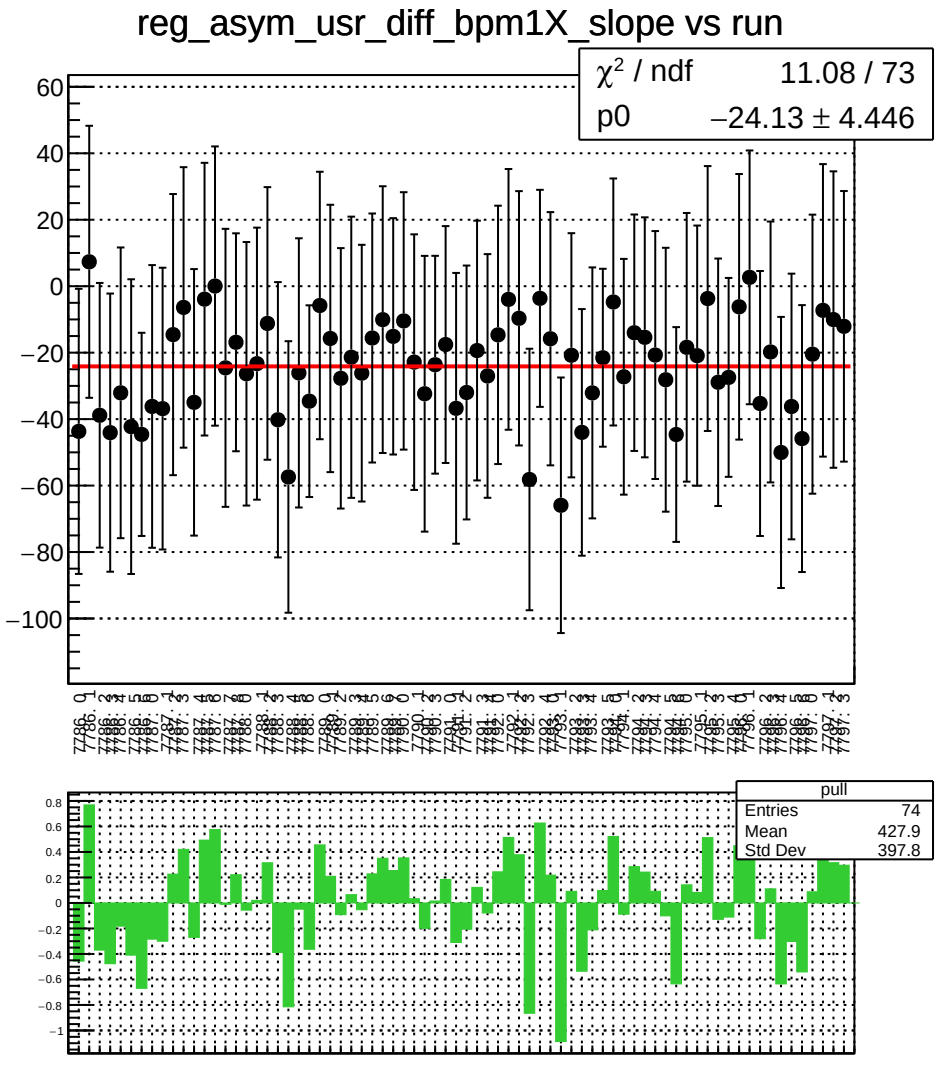

pull1D
Entries 74
Mean 0.004562
Std Dev 0.6059

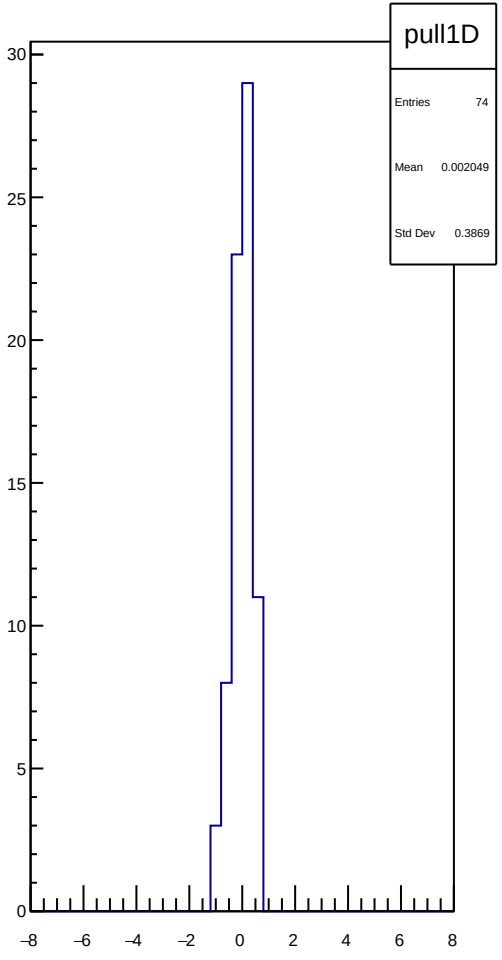

reg_asym_usl_diff_bpm4eY_slope vs run
χ² / ndf 26.55 / 73
p0 7.955 ± 3.25
pull
Entries 74
Mean 128.6
Std Dev 80.62

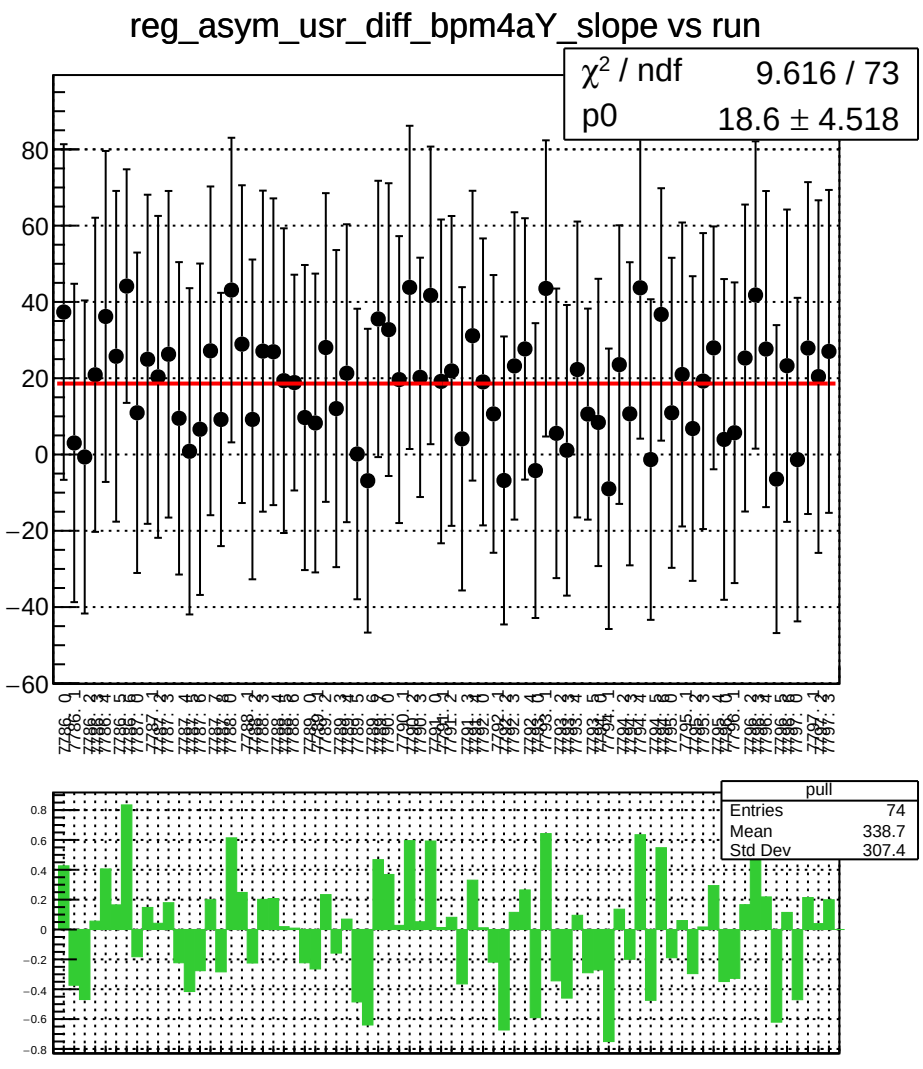

pull1D
Entries 74
Mean −0.01814
Std Dev 0.5987

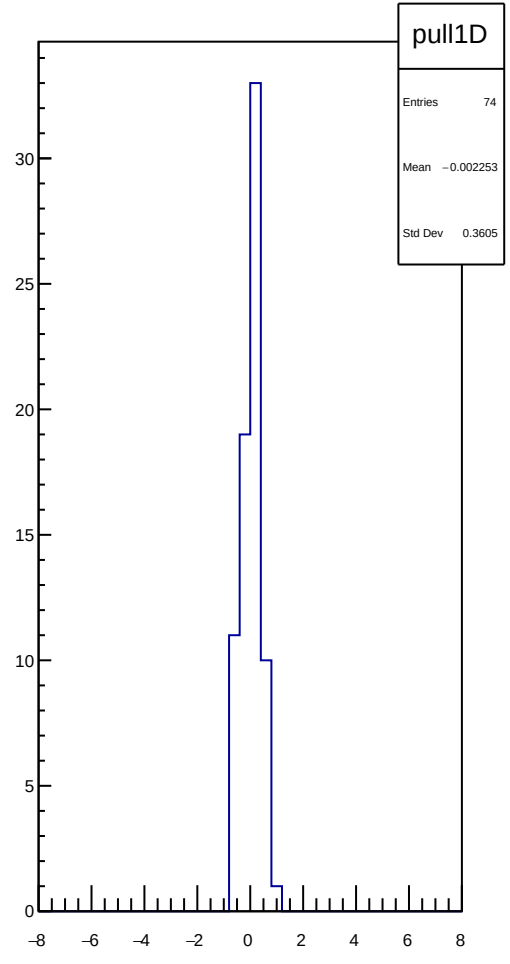

reg_asym_usl_diff_bpm12X_slope vs run
χ² / ndf 66.9 / 73
p0 −40.78 ± 0.101
pull
Entries 74
Mean 396.6
Std Dev 341

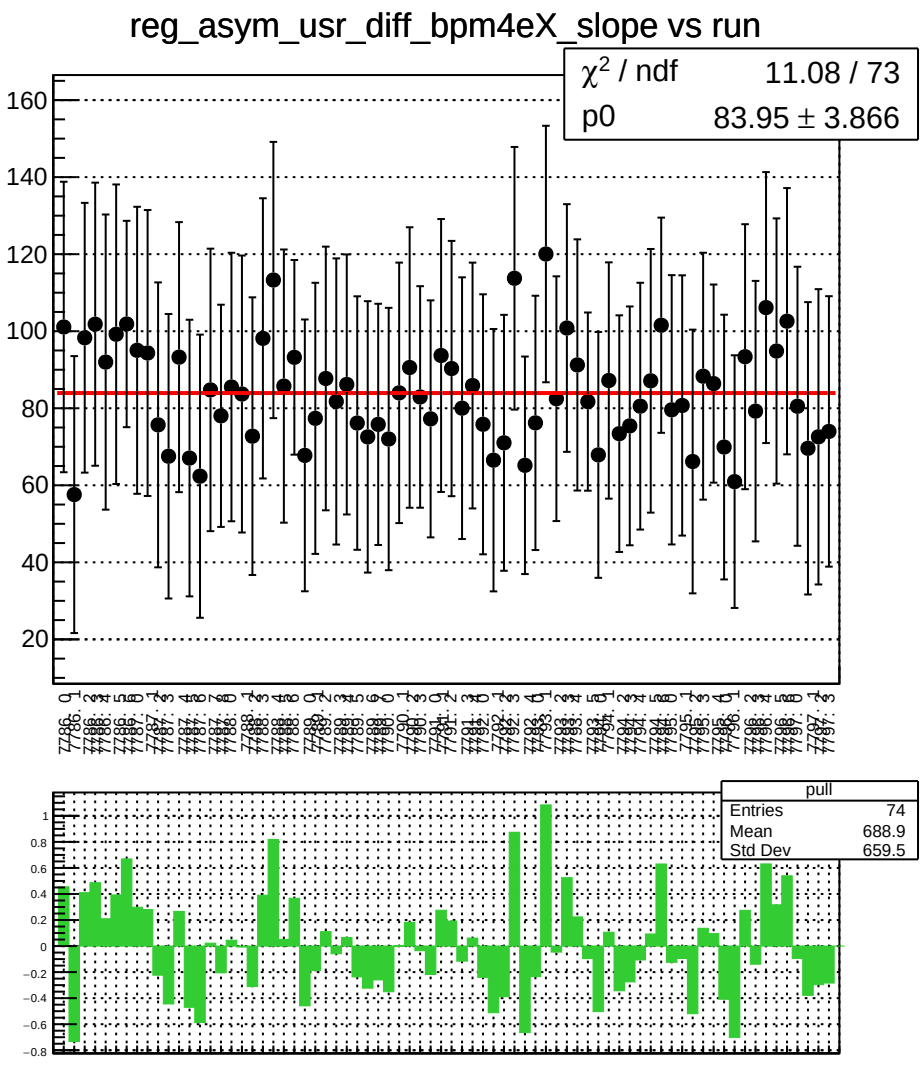

pull1D
Entries 74
Mean −0.01487
Std Dev 0.9507

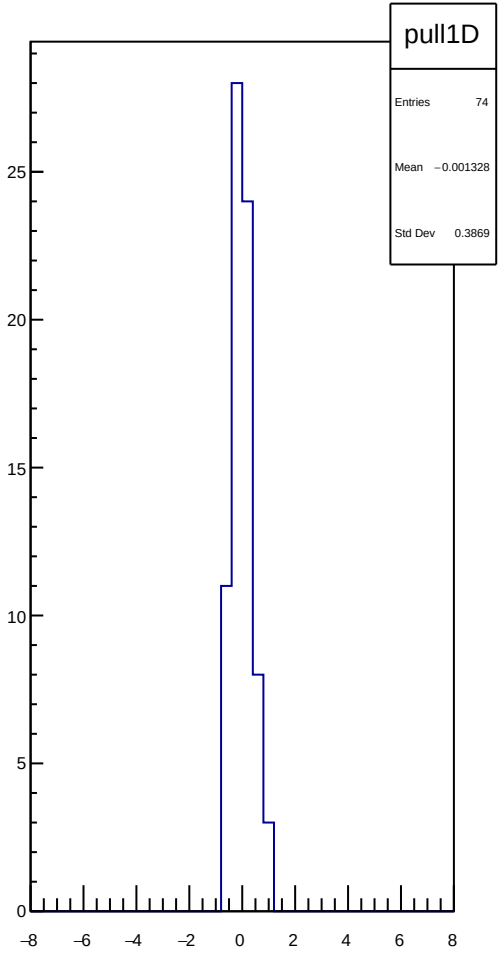

reg_asym_usr_diff_bpm1X_slope vs run
χ² / ndf 11.08 / 73
p0 −24.13 ± 4.446
pull
Entries 74
Mean 427.9
Std Dev 397.8

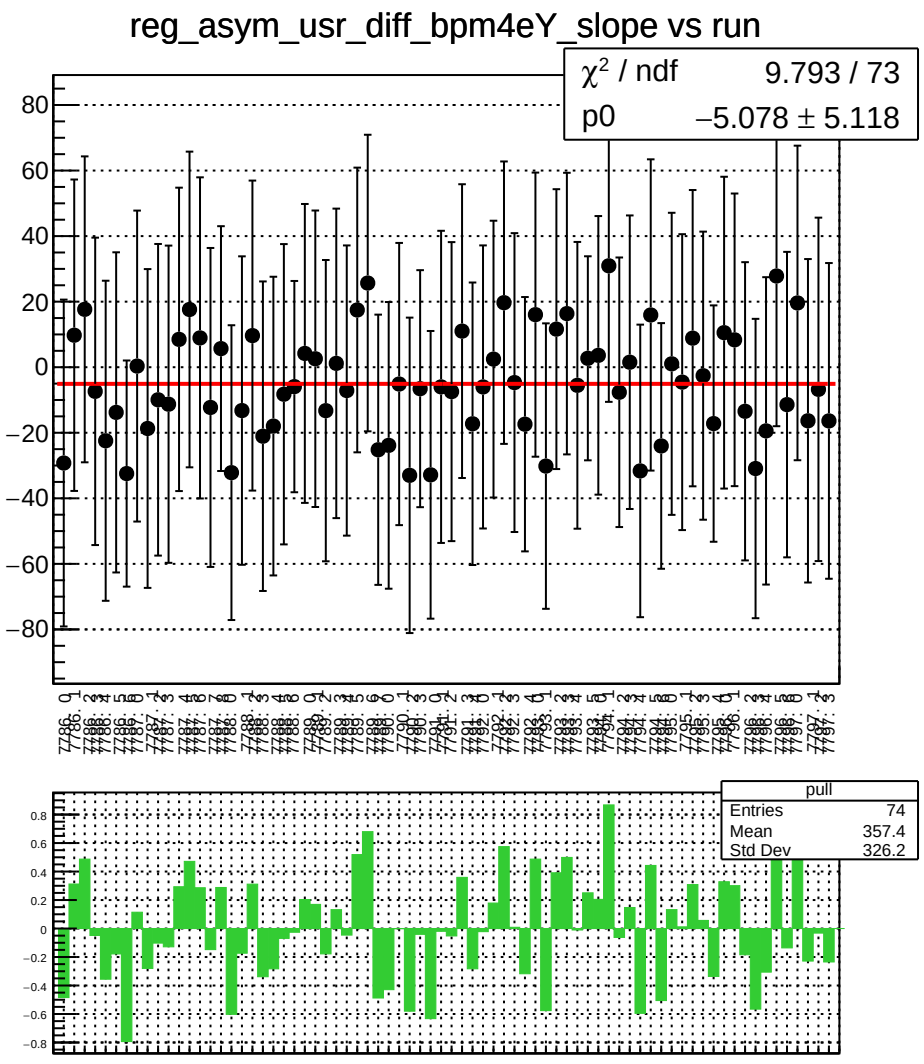

pull1D
Entries 74
Mean 0.002049
Std Dev 0.3869

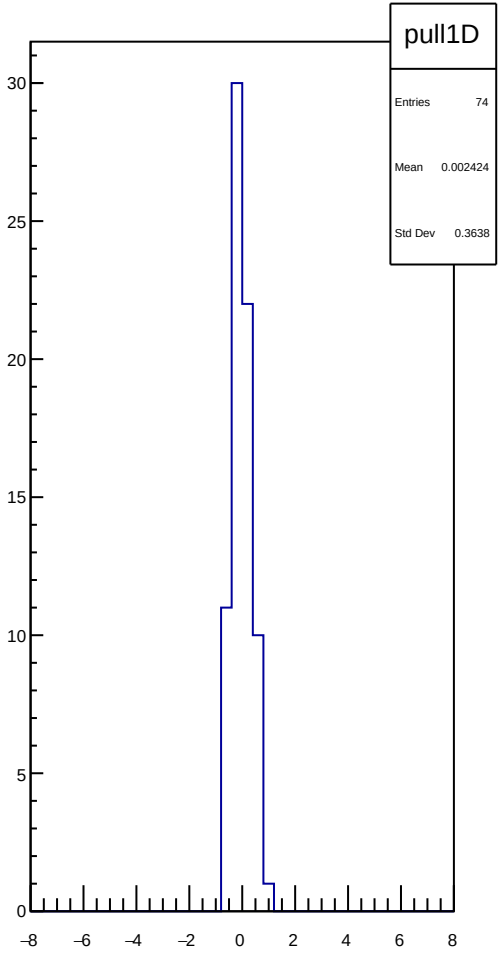

reg_asym_usr_diff_bpm4aY_slope vs run
χ² / ndf 9.616 / 73
p0 18.6 ± 4.518
pull
Entries 74
Mean 338.7
Std Dev 307.4

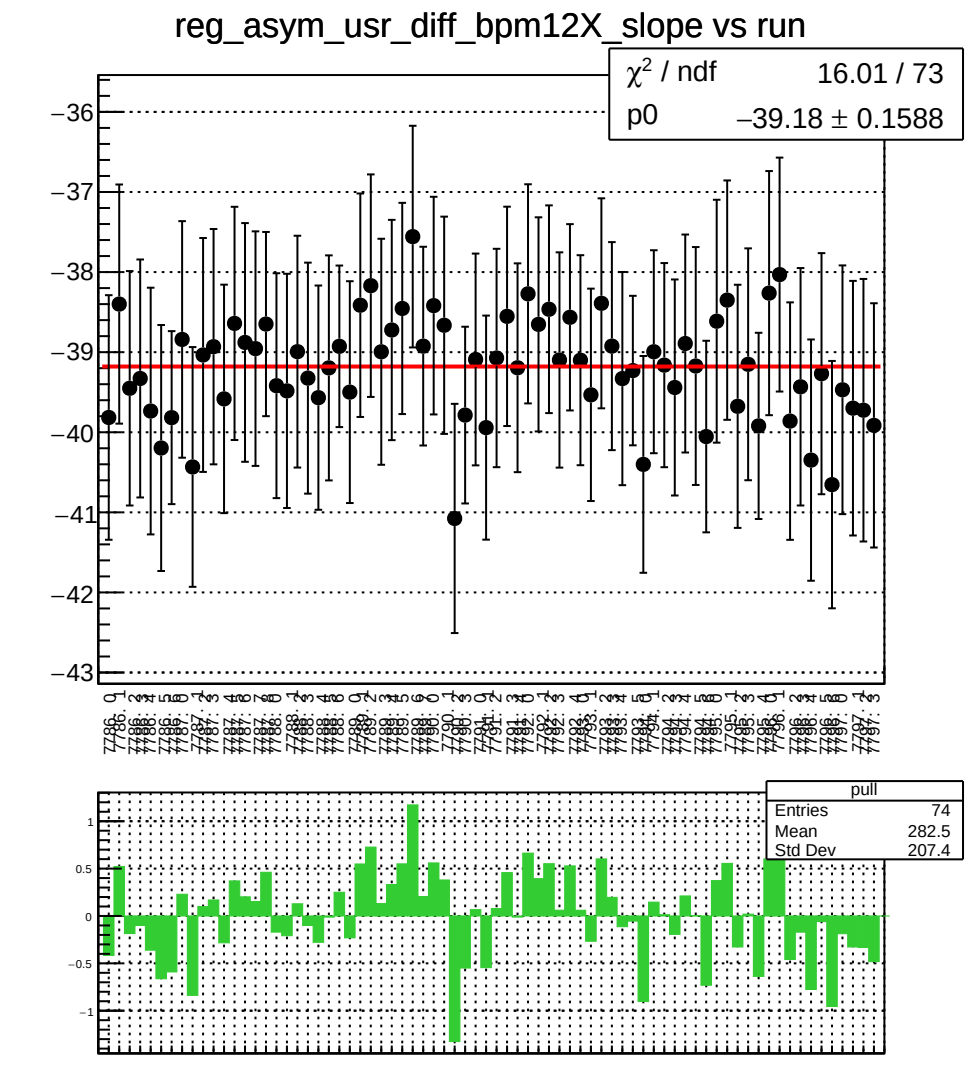

pull1D
Entries 74
Mean −0.002253
Std Dev 0.3605

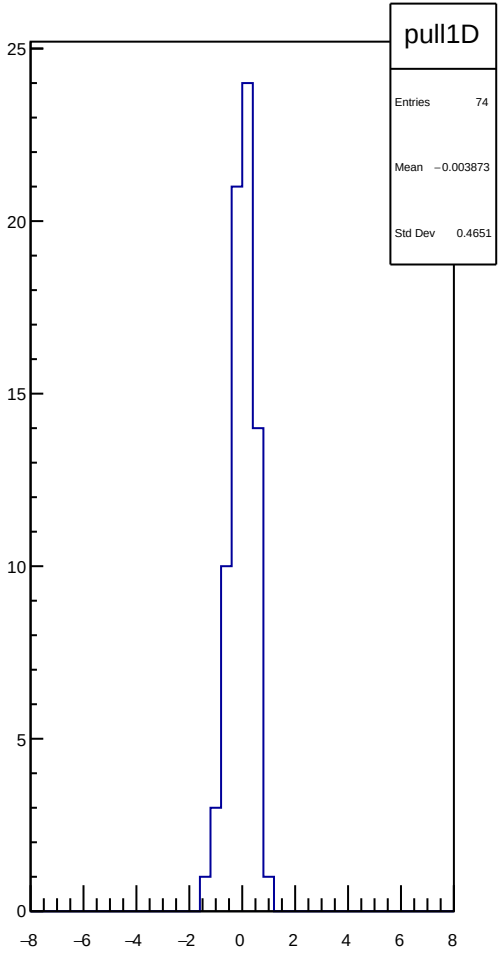

reg_asym_usr_diff_bpm4eX_slope vs run
χ² / ndf 11.08 / 73
p0 83.95 ± 3.866
pull
Entries 74
Mean 688.9
Std Dev 659.5

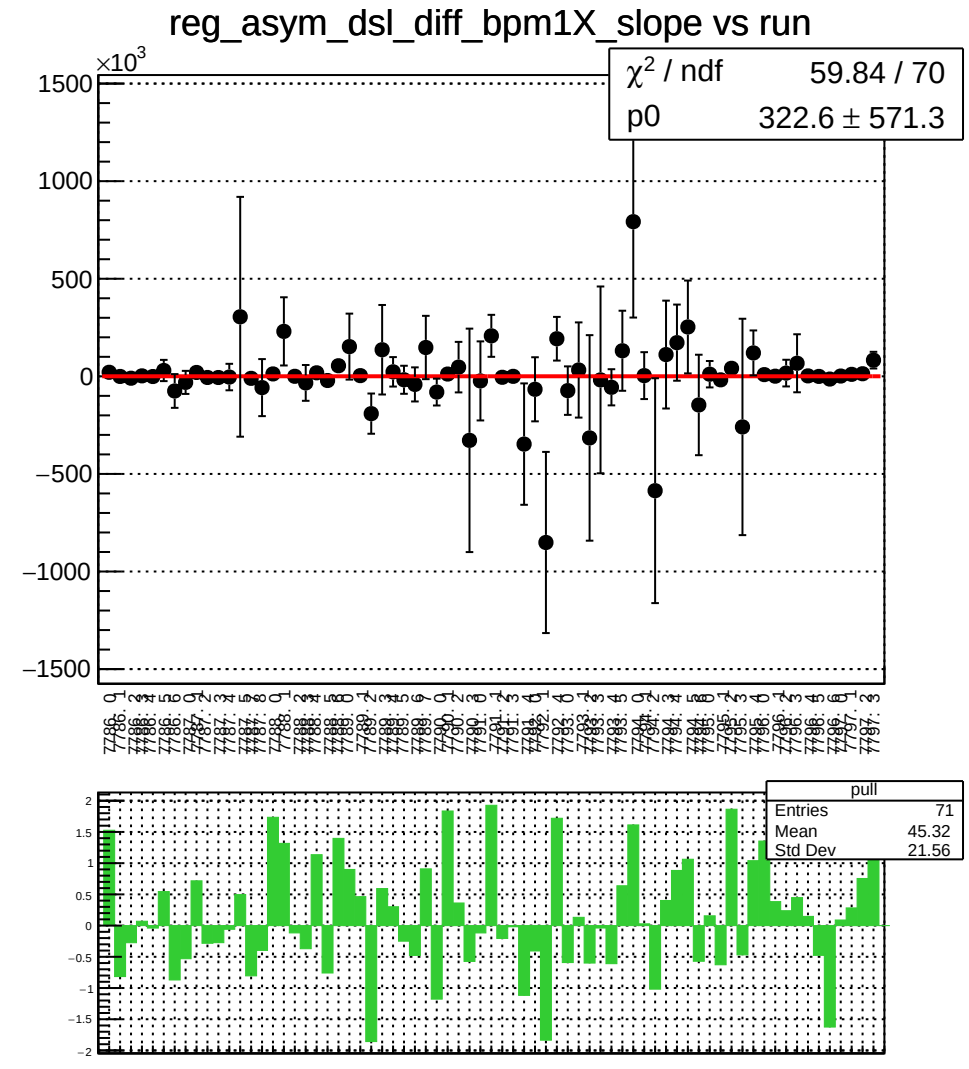

pull1D
Entries 74
Mean −0.001328
Std Dev 0.3869

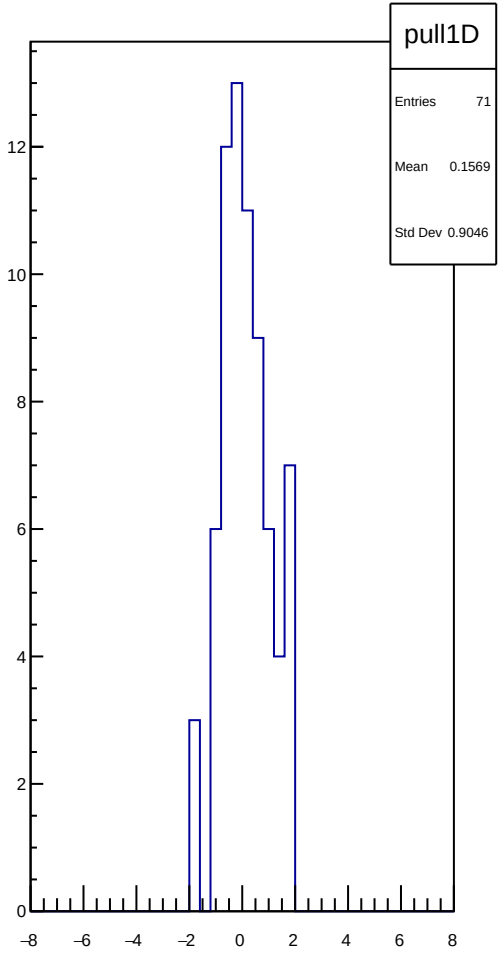

reg_asym_usr_diff_bpm4eY_slope vs run
χ² / ndf 9.793 / 73
p0 −5.078 ± 5.118
pull
Entries 74
Mean 357.4
Std Dev 326.2

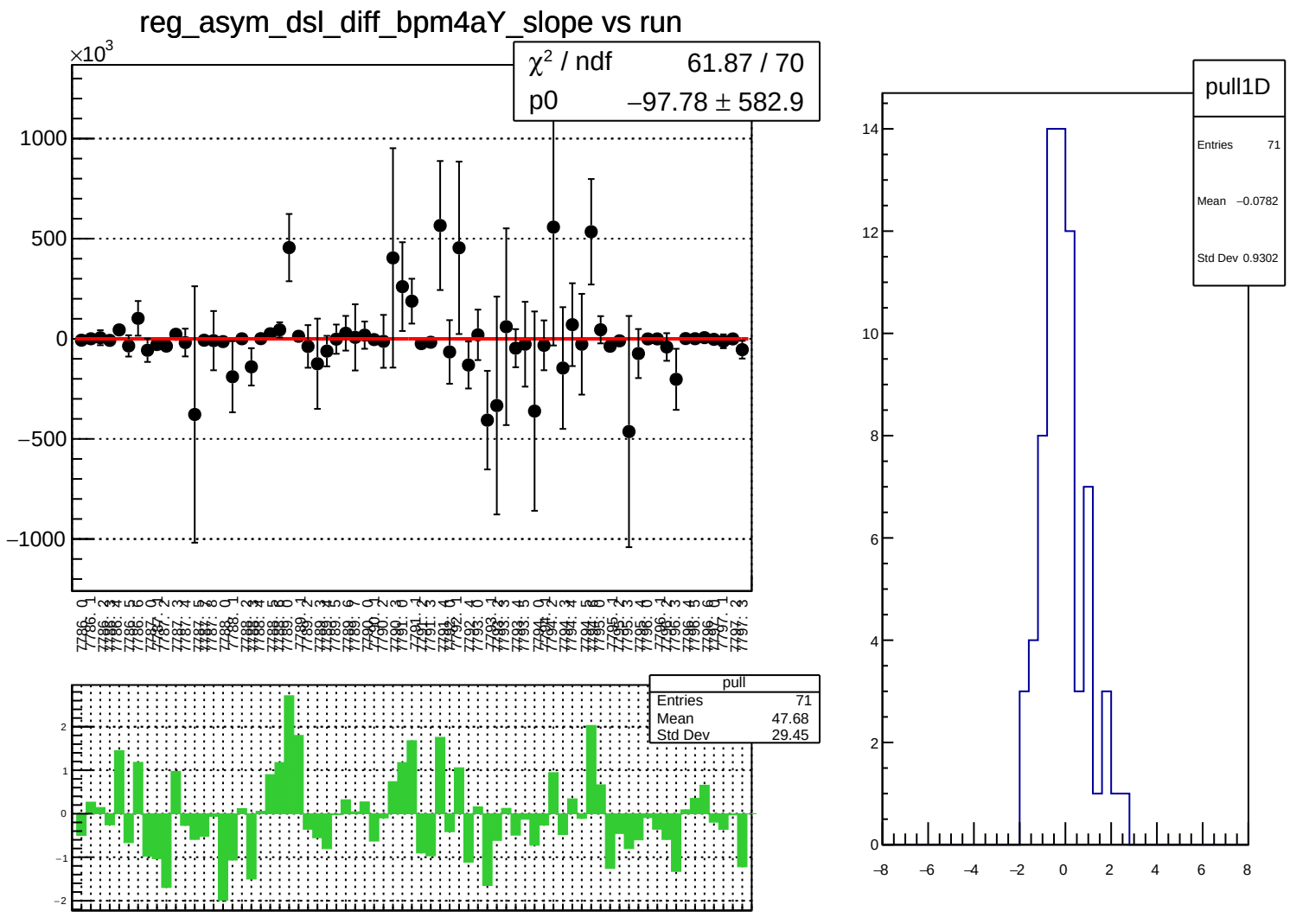

pull1D
Entries 74
Mean 0.002424
Std Dev 0.3638

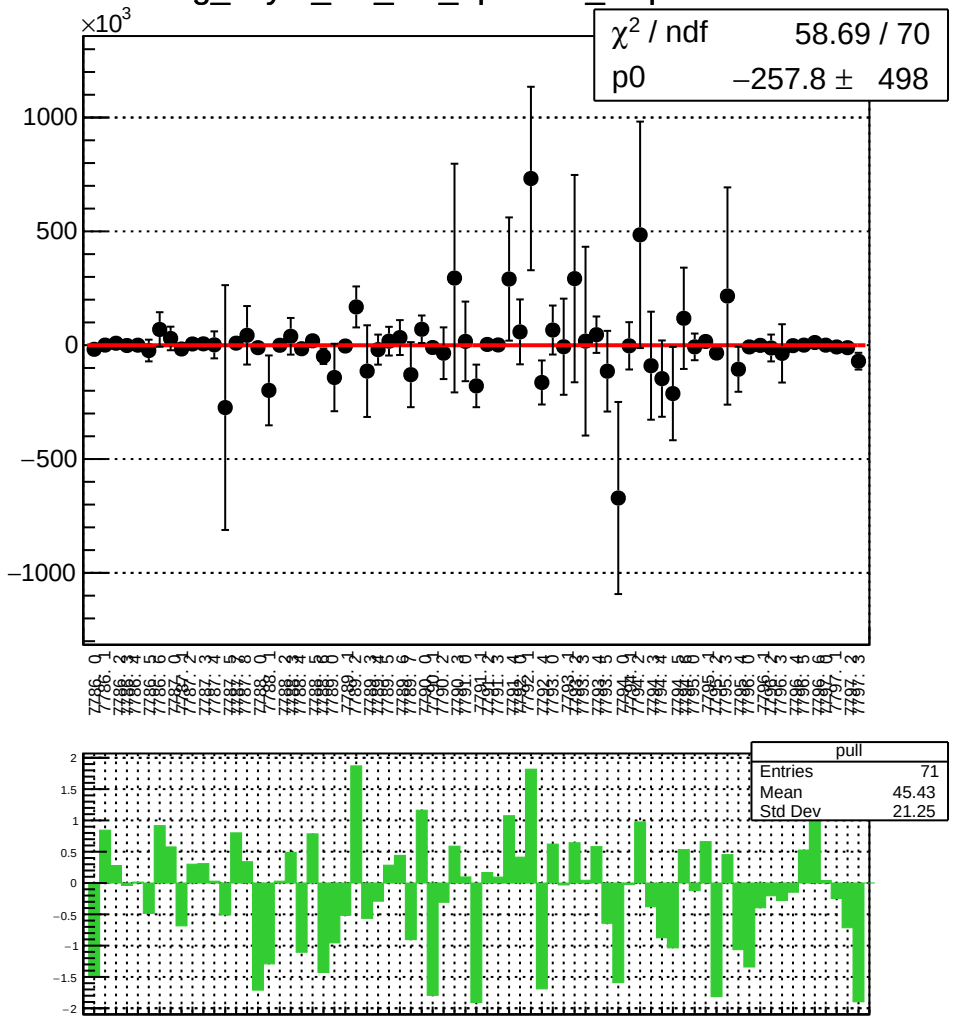

reg_asym_usr_diff_bpm12X_slope vs run
χ² / ndf 16.01 / 73
p0 −39.18 ± 0.1588
pull
Entries 74
Mean 282.5
Std Dev 207.4

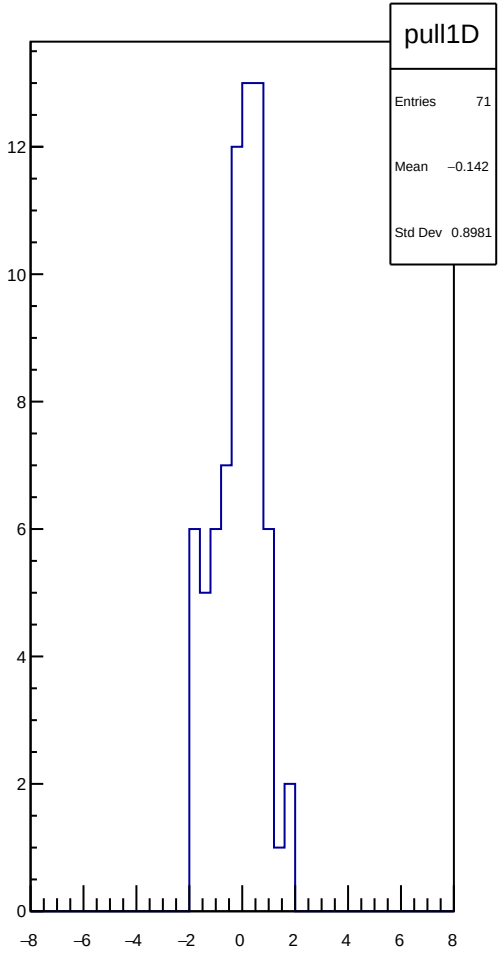

pull1D
Entries 74
Mean −0.003873
Std Dev 0.4651

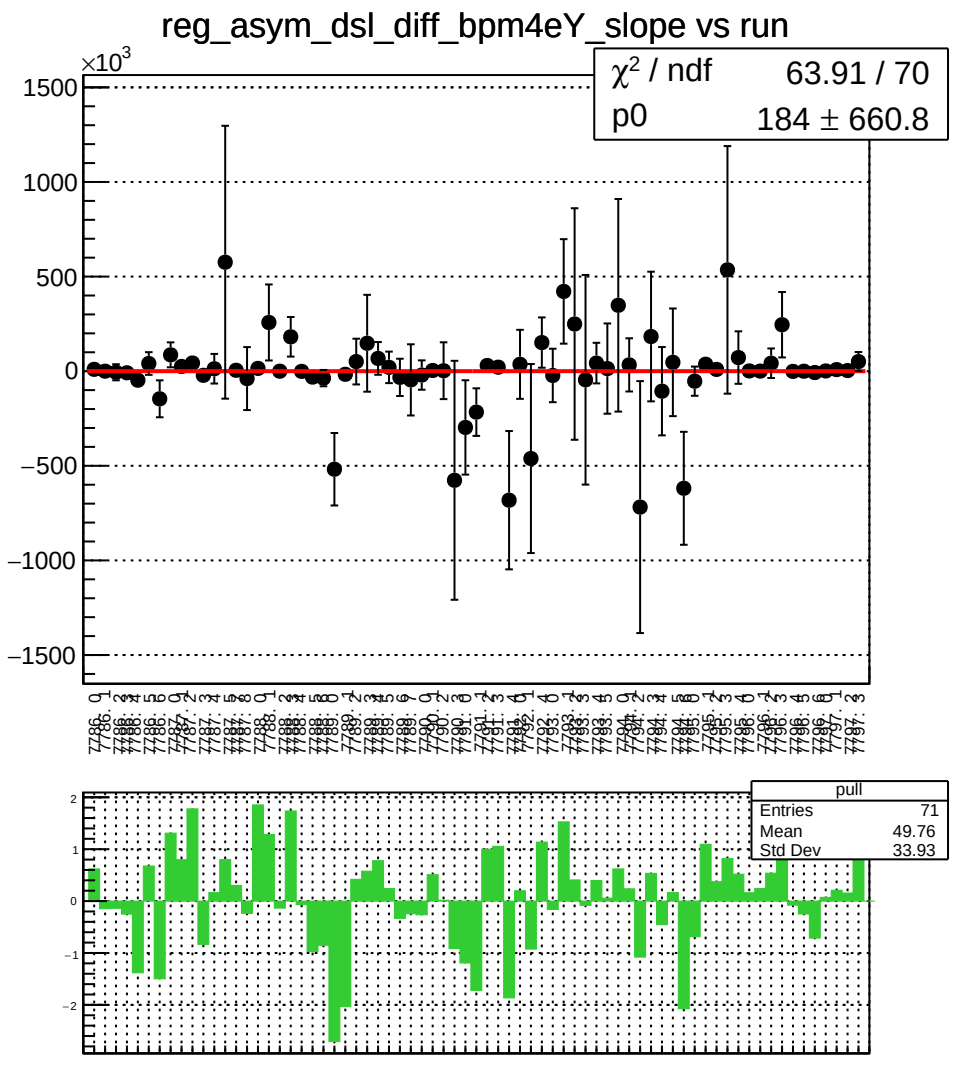

reg_asym_dsl_diff_bpm1X_slope vs run
×10^3
χ^2 / ndf 59.84 / 70
p0 322.6 ± 571.3
1500
1000
500
0
−500
−1000
−1500
pull
Entries 71
Mean 45.32
Std Dev 21.56
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

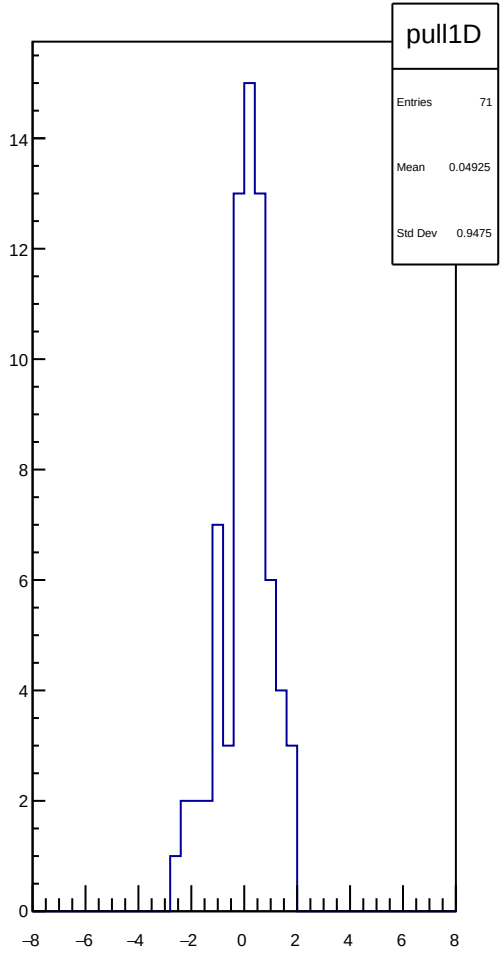

pull1D
Entries 71
Mean 0.1569
Std Dev 0.9046
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

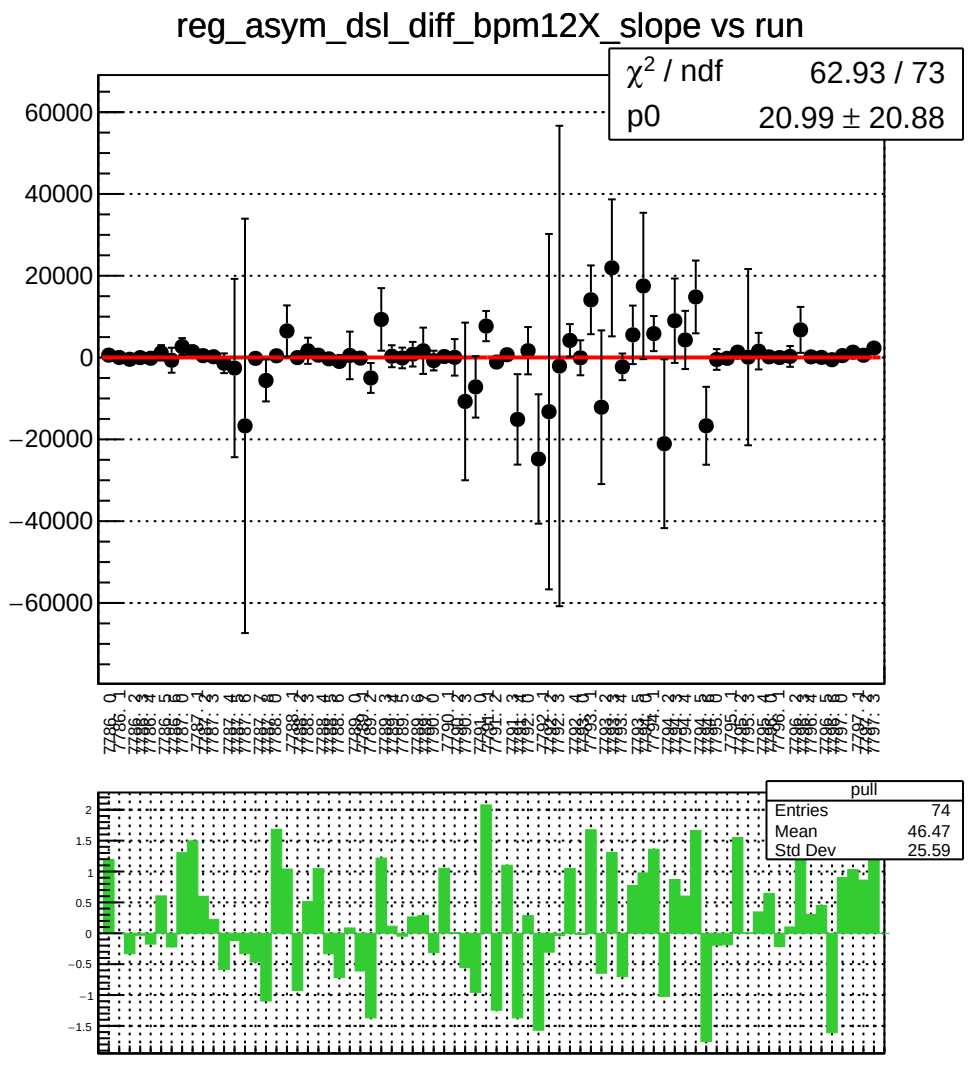

reg_asym_dsl_diff_bpm4aY_slope vs run
χ² / ndf 61.87 / 70
p0 −97.78 ± 582.9
×10³
1000
500
0
−500
−1000
pull
Entries 71
Mean 47.68
Std Dev 29.45
pull1D
Entries 71
Mean −0.0782
Std Dev 0.9302

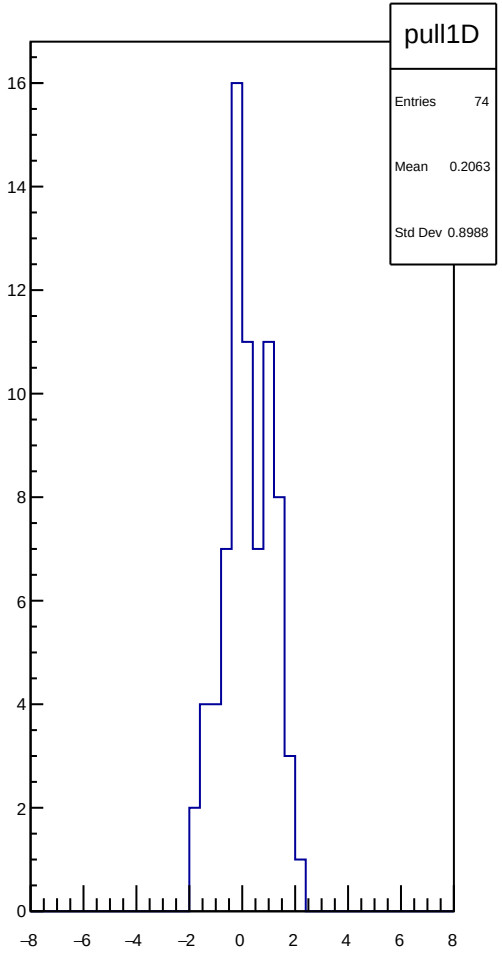

reg_asym_dsl_diff_bpm4eX_slope vs run
χ² / ndf 58.69 / 70
p0 −257.8 ± 498
×10³
1000
500
0
−500
−1000
pull
Entries 71
Mean 45.43
Std Dev 21.25
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

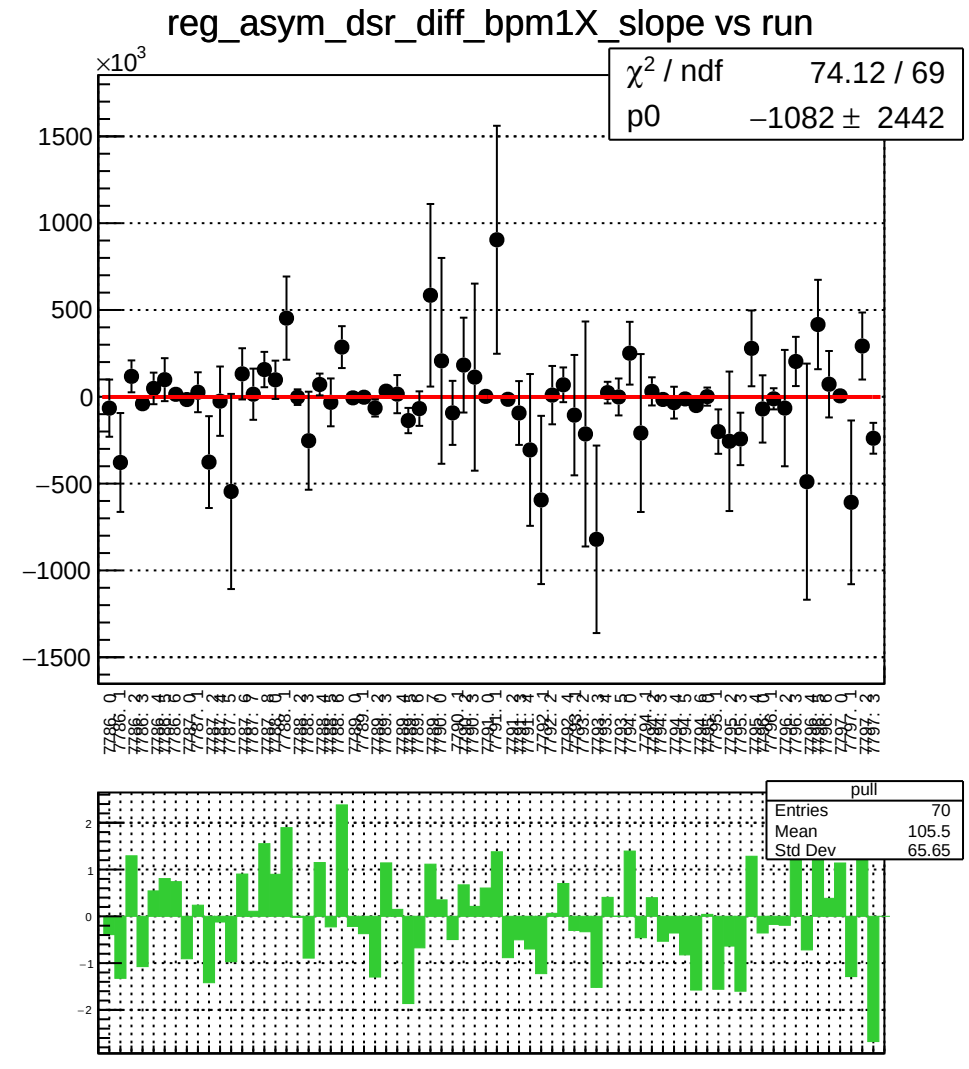

pull1D
Entries 71
Mean −0.142
Std Dev 0.8981
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

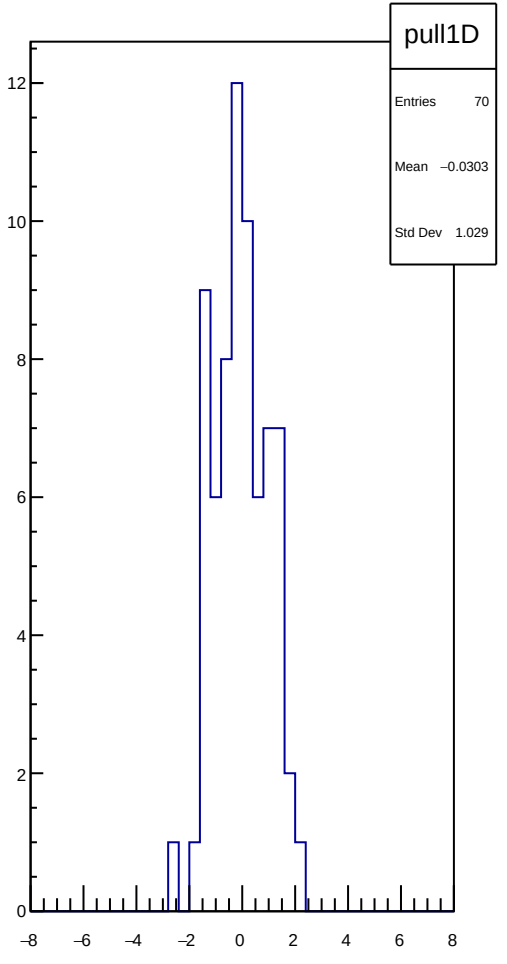

reg_asym_dsl_diff_bpm4eY_slope vs run
×10^3
χ^2 / ndf 63.91 / 70
p0 184 ± 660.8
pull
Entries 71
Mean 49.76
Std Dev 33.93

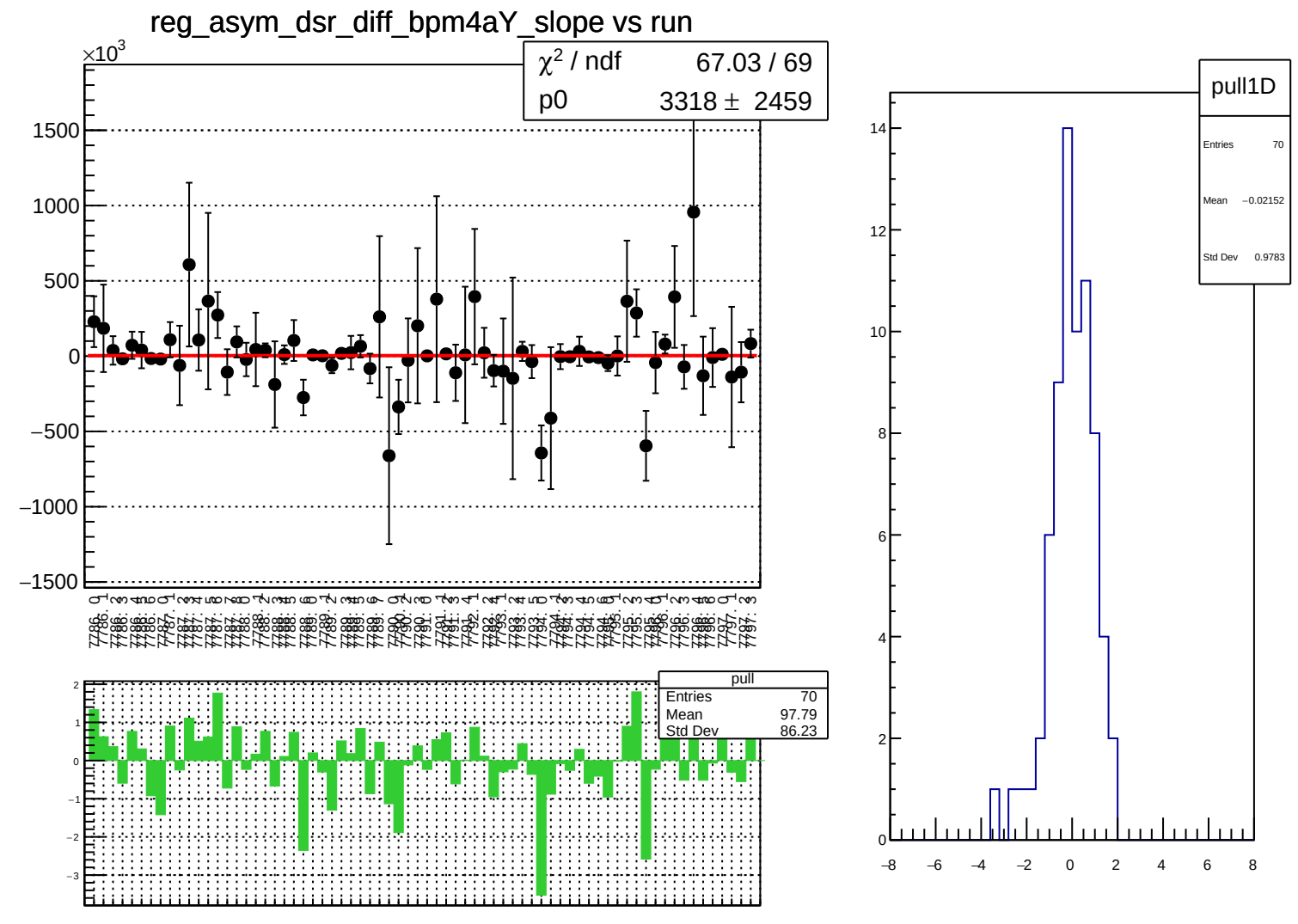

pull1D
Entries 71
Mean 0.04925
Std Dev 0.9475

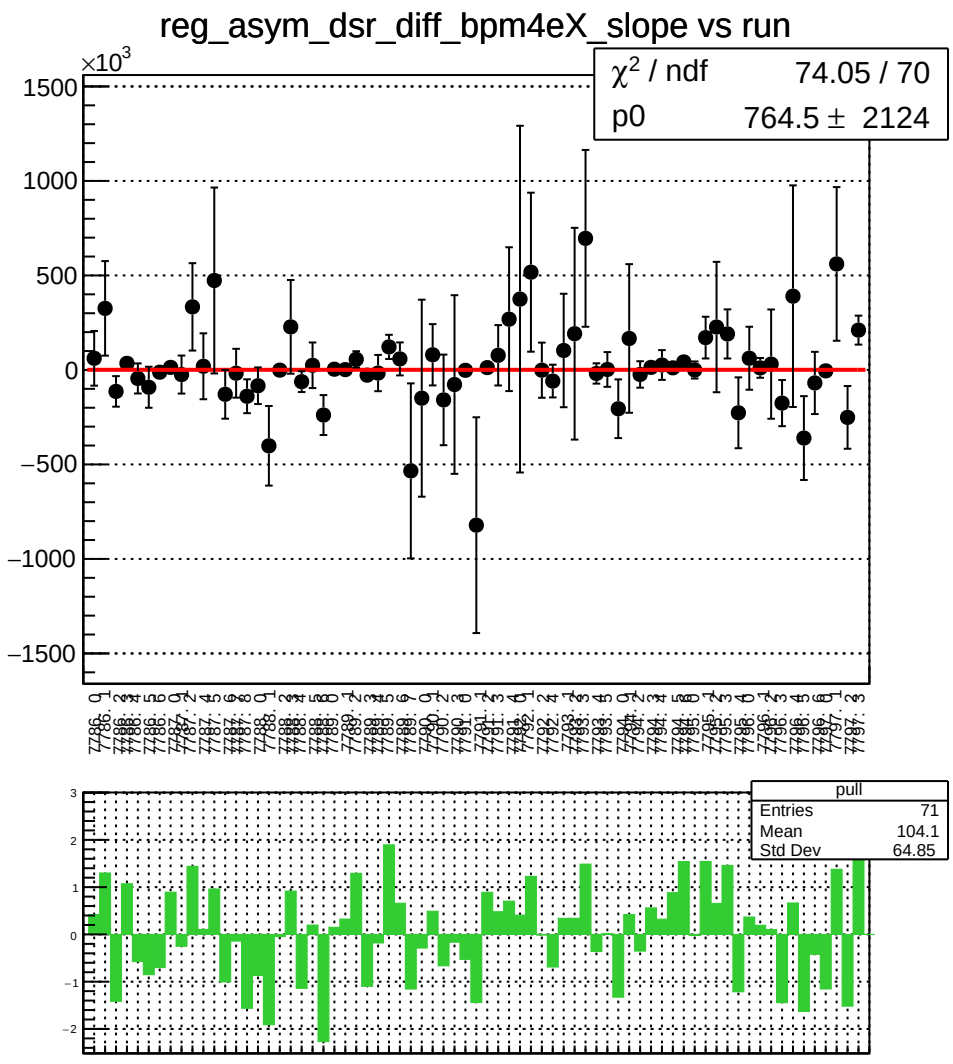

reg_asym_dsl_diff_bpm12X_slope vs run
χ² / ndf 62.93 / 73
p0 20.99 ± 20.88
pull
Entries 74
Mean 46.47
Std Dev 25.59

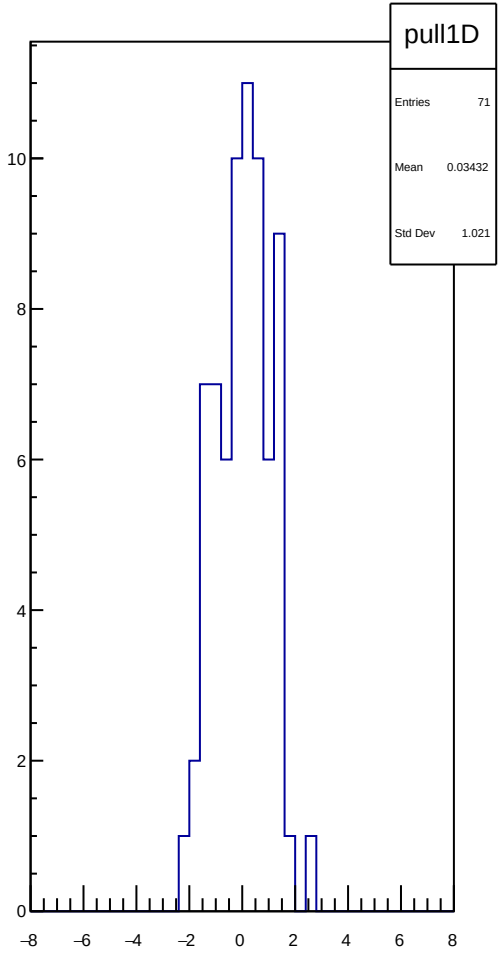

pull1D
Entries 74
Mean 0.2063
Std Dev 0.8988

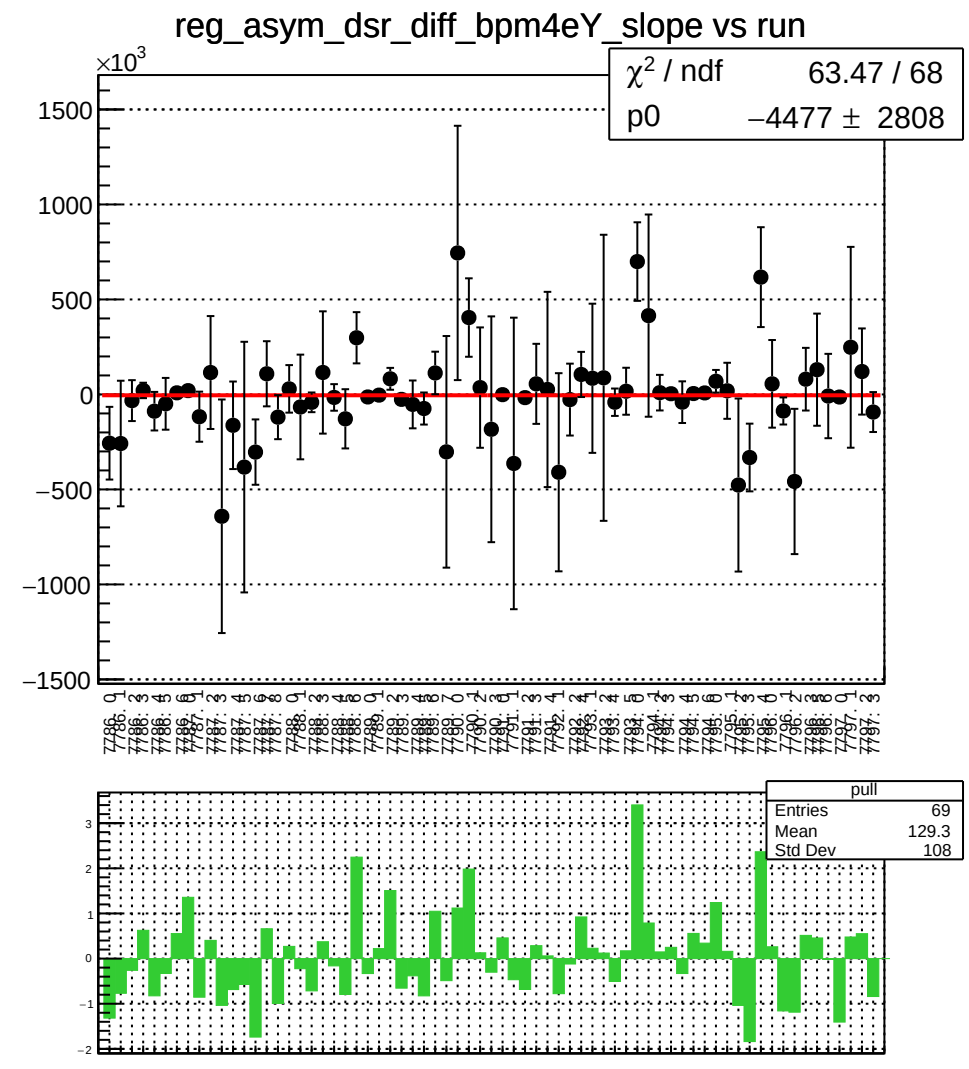

reg_asym_dsr_diff_bpm1X_slope vs run
×10^3
χ² / ndf 74.12 / 69
p0 −1082 ± 2442
1500
1000
500
0
−500
−1000
−1500
pull
Entries 70
Mean 105.5
Std Dev 65.65
2
1
0
−1
−2

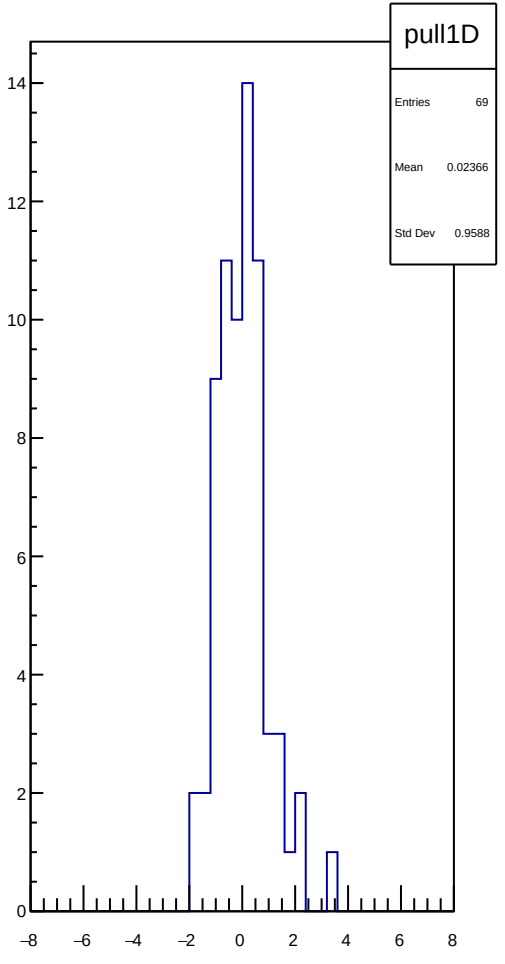

pull1D
Entries 70
Mean −0.0303
Std Dev 1.029
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

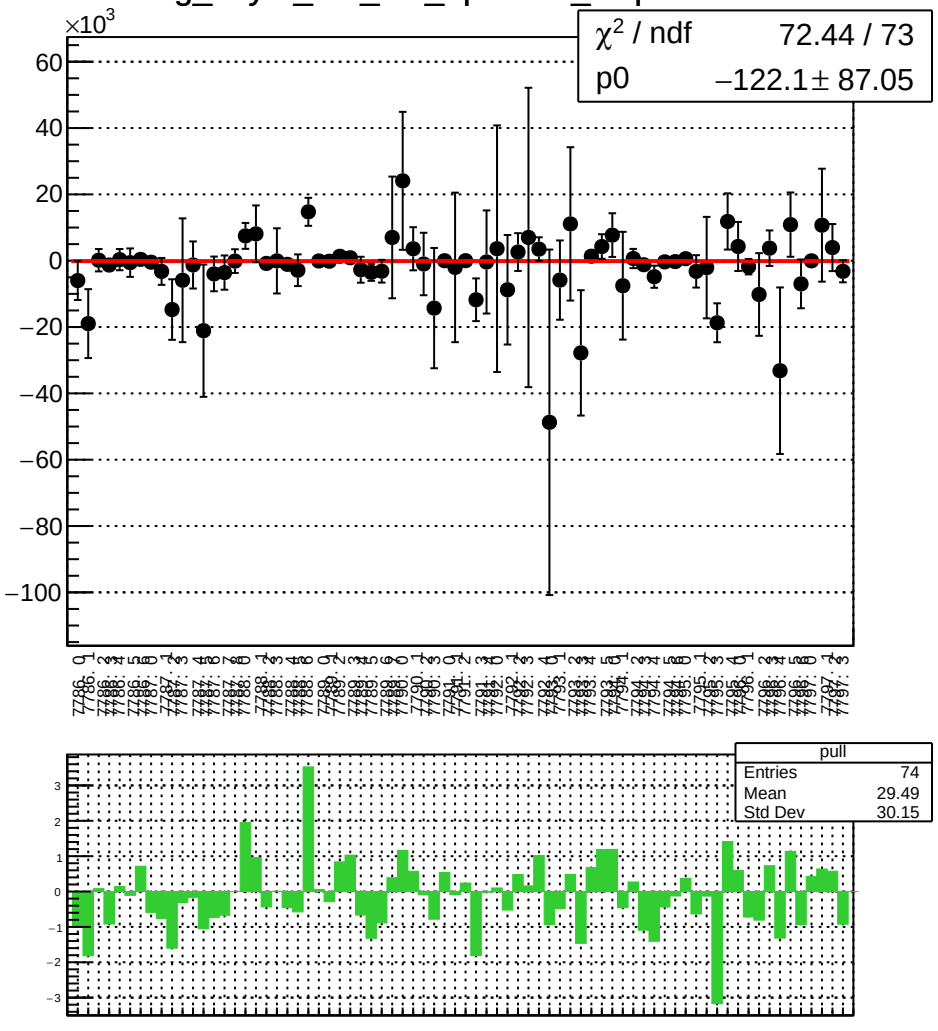

reg_asym_dsr_diff_bpm4aY_slope vs run
×10^3
χ^2 / ndf 67.03 / 69
p0 3318 ± 2459
1500
1000
500
0
−500
−1000
−1500
pull
Entries 70
Mean 97.79
Std Dev 86.23
2
1
0
−1
−2
−3
pull1D
Entries 70
Mean −0.02152
Std Dev 0.9783
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

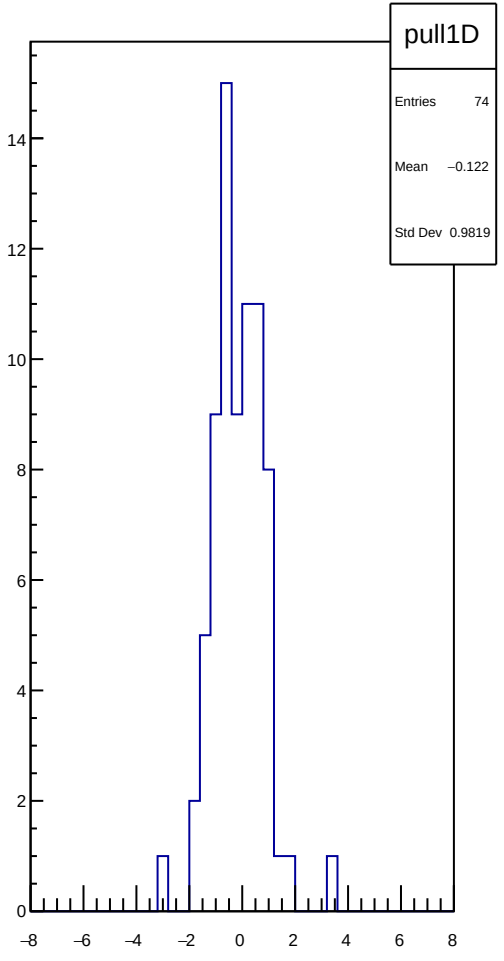

reg_asym_dsr_diff_bpm4eX_slope vs run
×10^3
χ^2 / ndf 74.05 / 70
p0 764.5 ± 2124
pull
Entries 71
Mean 104.1
Std Dev 64.85

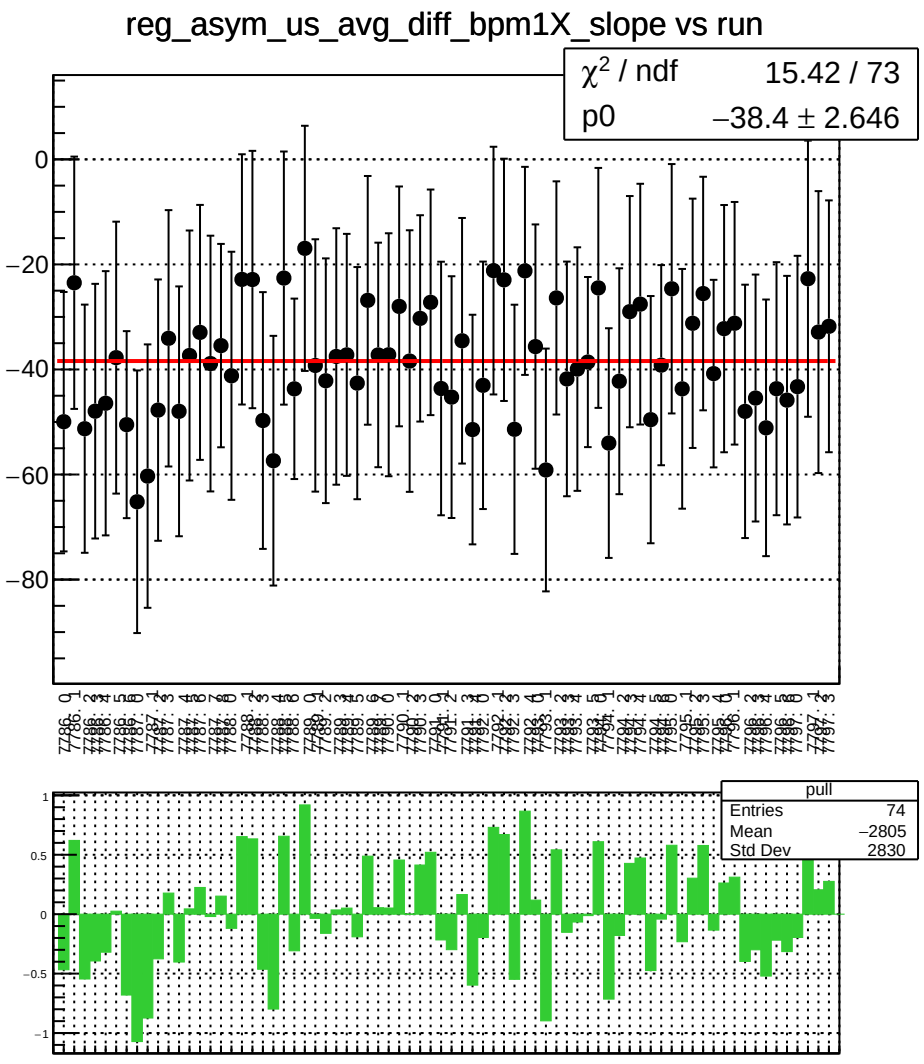

pull1D
Entries 71
Mean 0.03432
Std Dev 1.021

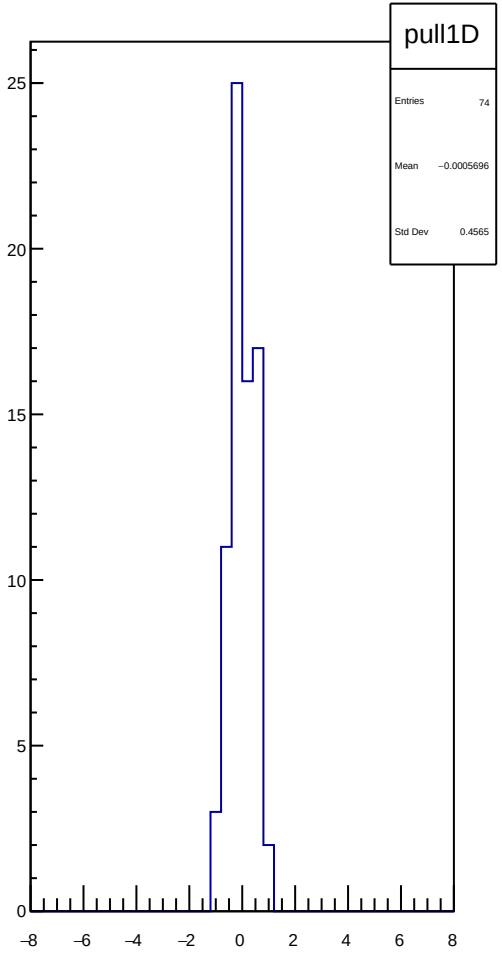

reg_asym_dsr_diff_bpm4eY_slope vs run
χ² / ndf 63.47 / 68
p0 −4477 ± 2808
×10³
pull
Entries 69
Mean 129.3
Std Dev 108

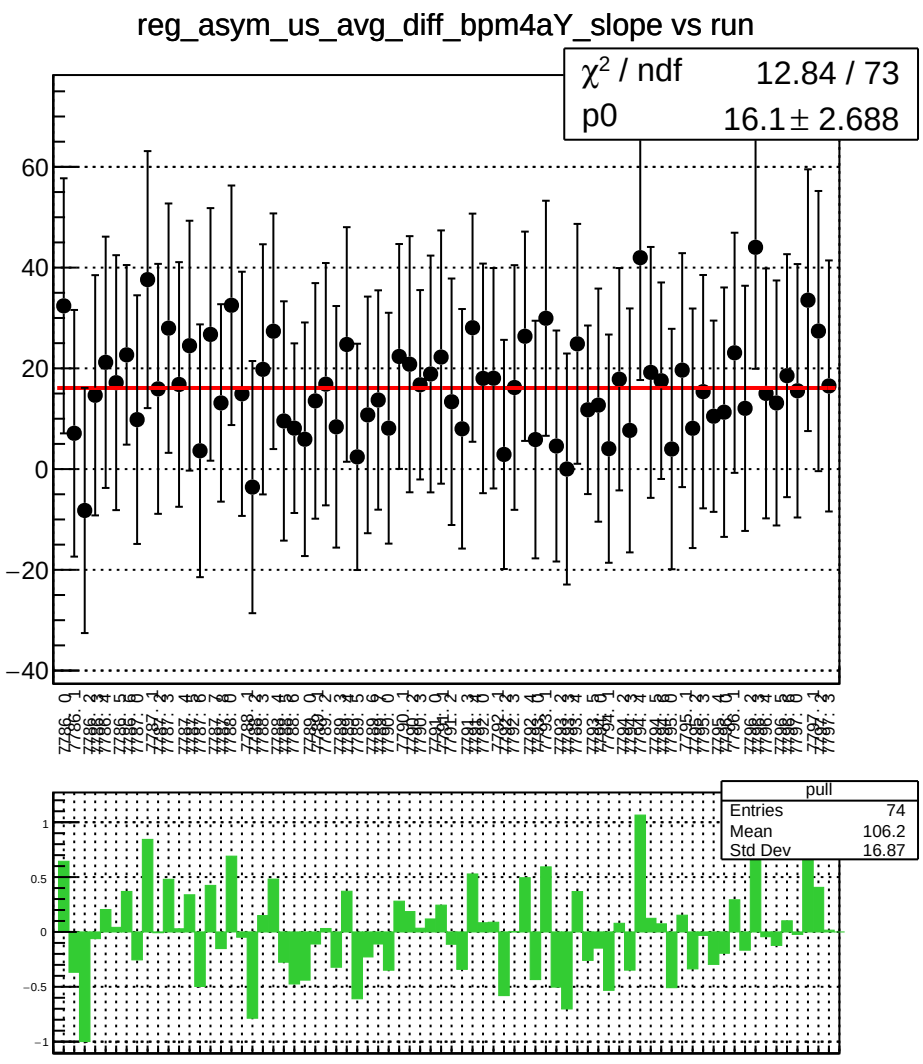

pull1D
Entries 69
Mean 0.02366
Std Dev 0.9588

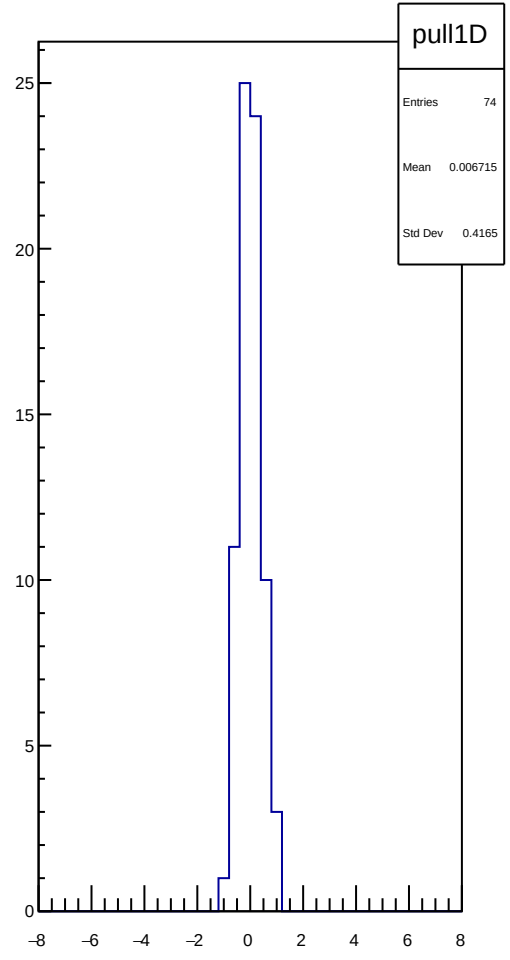

reg_asym_dsr_diff_bpm12X_slope vs run
χ² / ndf 72.44 / 73
p0 −122.1± 87.05
pull
Entries 74
Mean 29.49
Std Dev 30.15

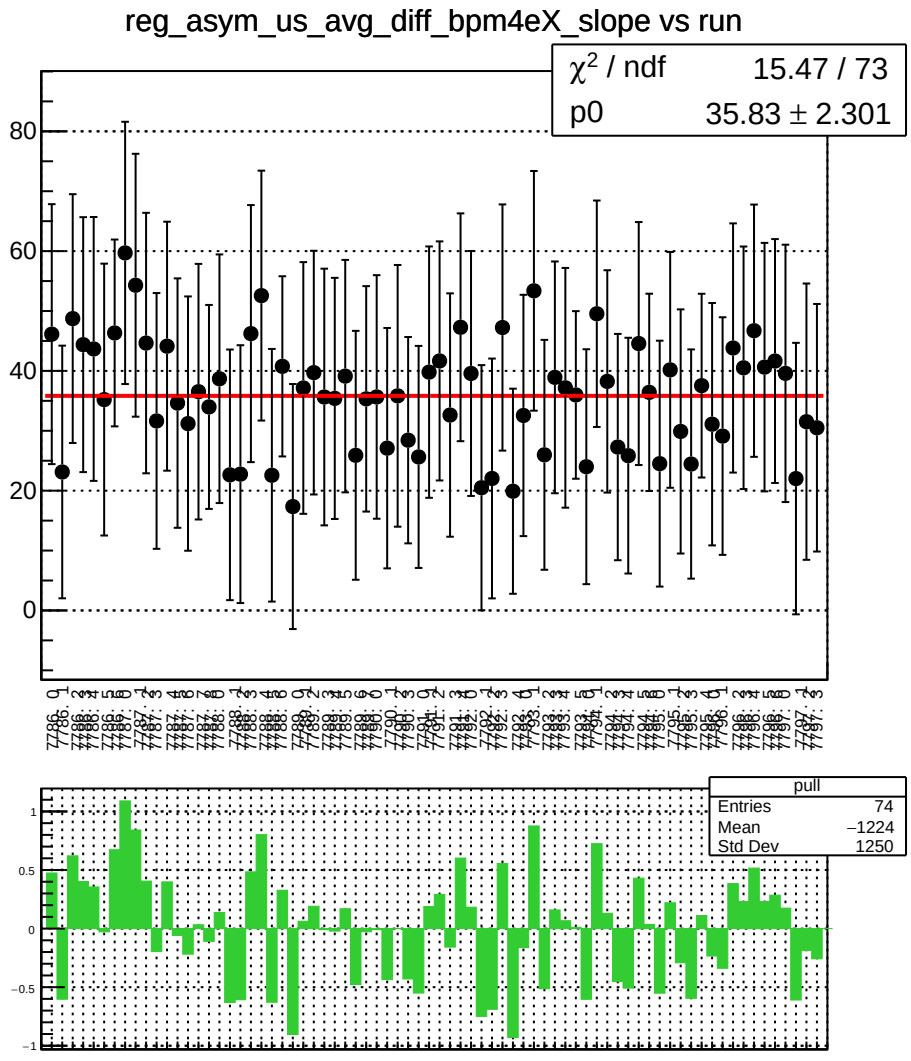

pull1D
Entries 74
Mean −0.122
Std Dev 0.9819

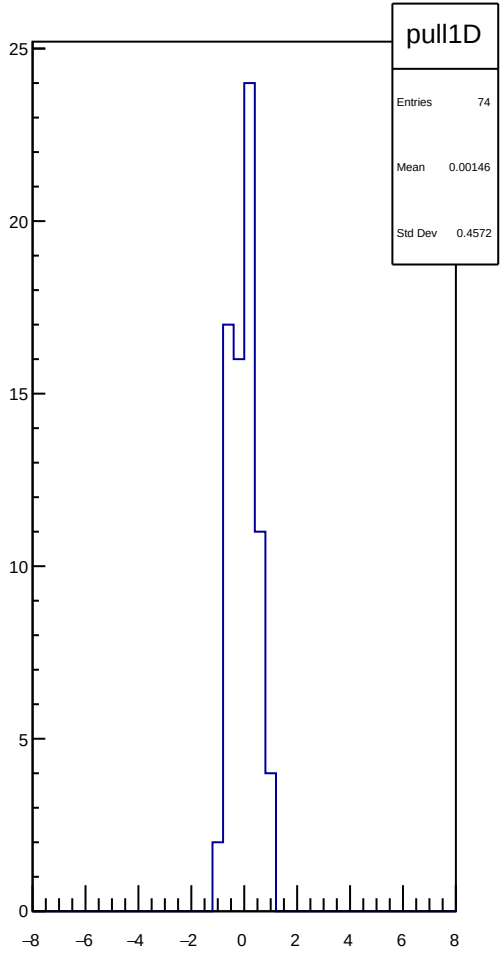

reg_asym_us_avg_diff_bpm1X_slope vs run
χ² / ndf 15.42 / 73
p0 −38.4 ± 2.646
pull
Entries 74
Mean −2805
Std Dev 2830

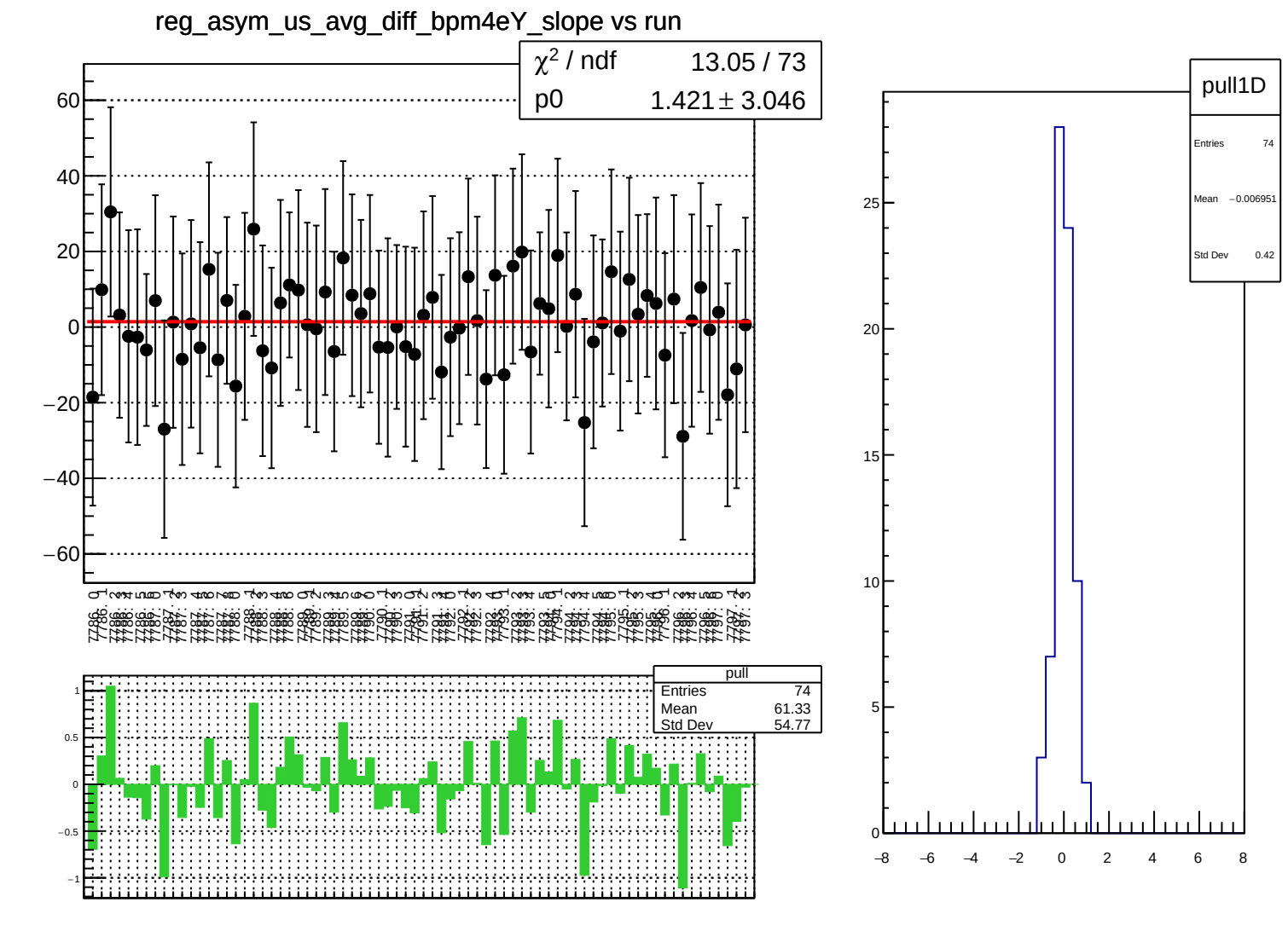

pull1D
Entries 74
Mean −0.0005696
Std Dev 0.4565

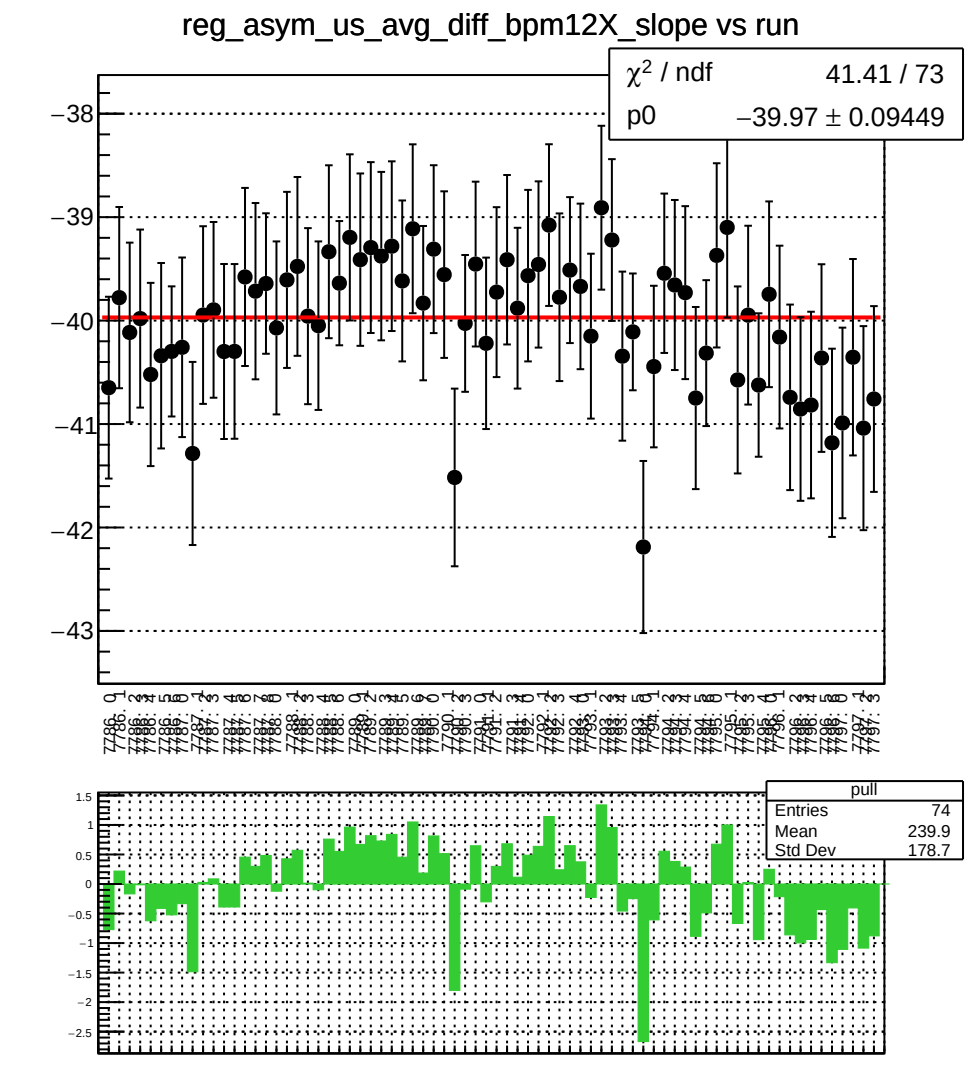

reg_asym_us_avg_diff_bpm4aY_slope vs run
χ² / ndf 12.84 / 73
p0 16.1 ± 2.688
pull
Entries 74
Mean 106.2
Std Dev 16.87

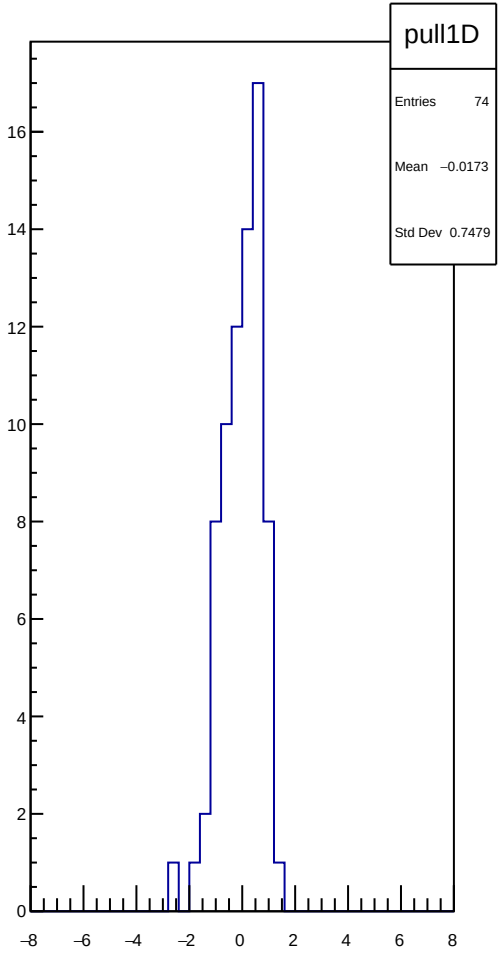

pull1D
Entries 74
Mean 0.006715
Std Dev 0.4165

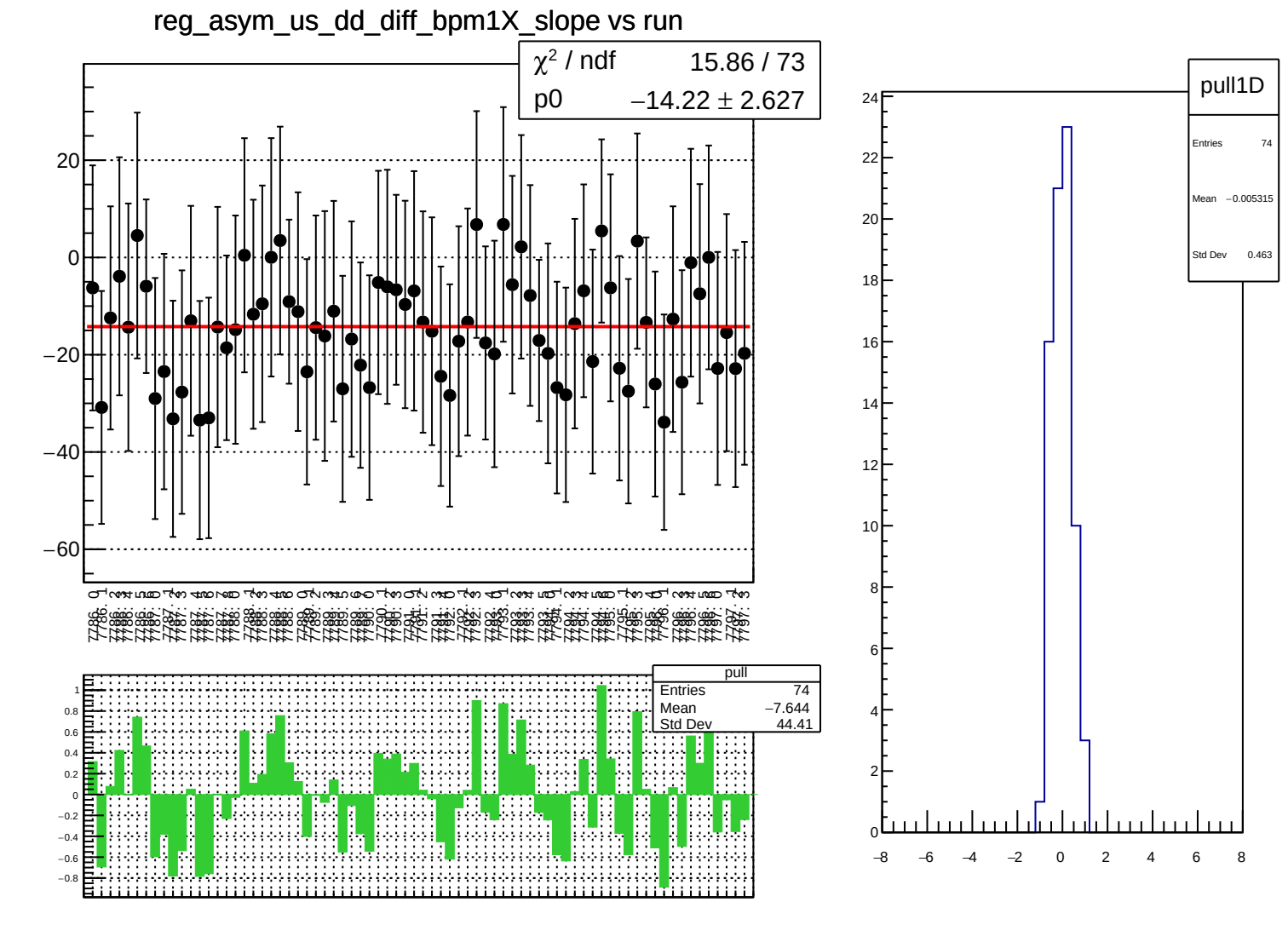

reg_asym_us_avg_diff_bpm4eX_slope vs run
χ² / ndf 15.47 / 73
p0 35.83 ± 2.301
pull
Entries 74
Mean −1224
Std Dev 1250

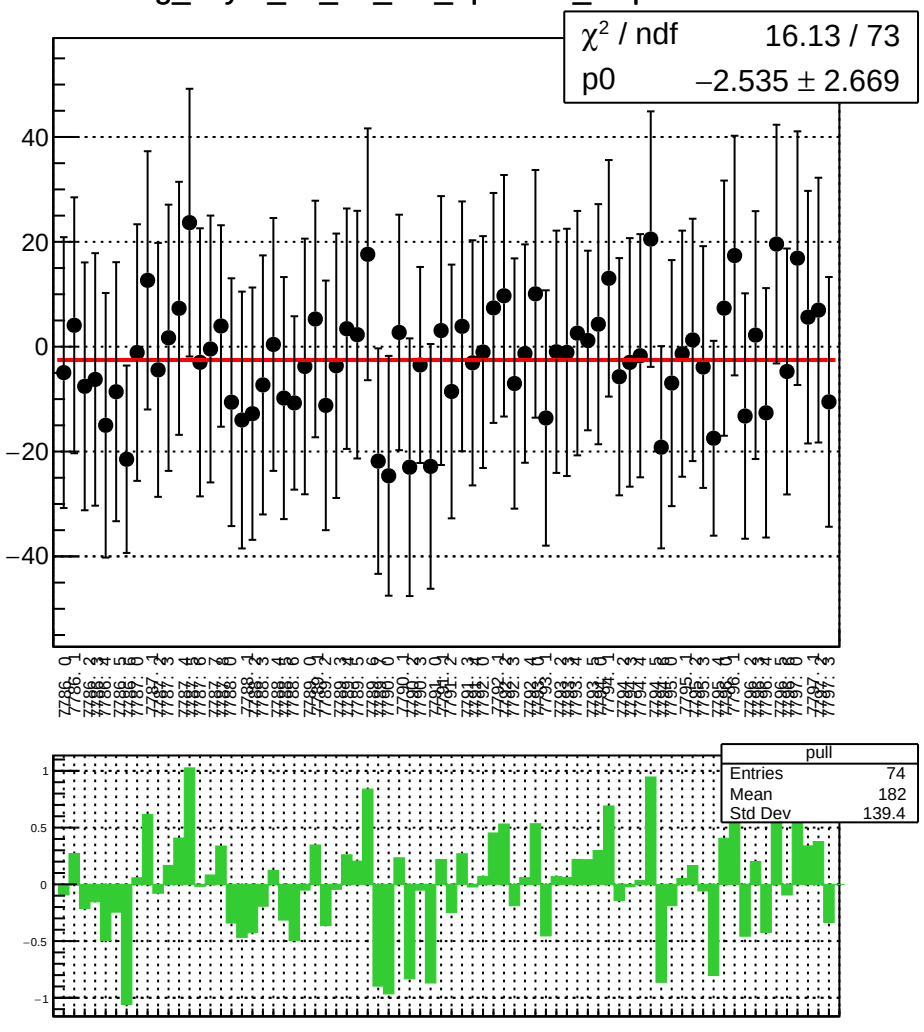

pull1D
Entries 74
Mean 0.00146
Std Dev 0.4572

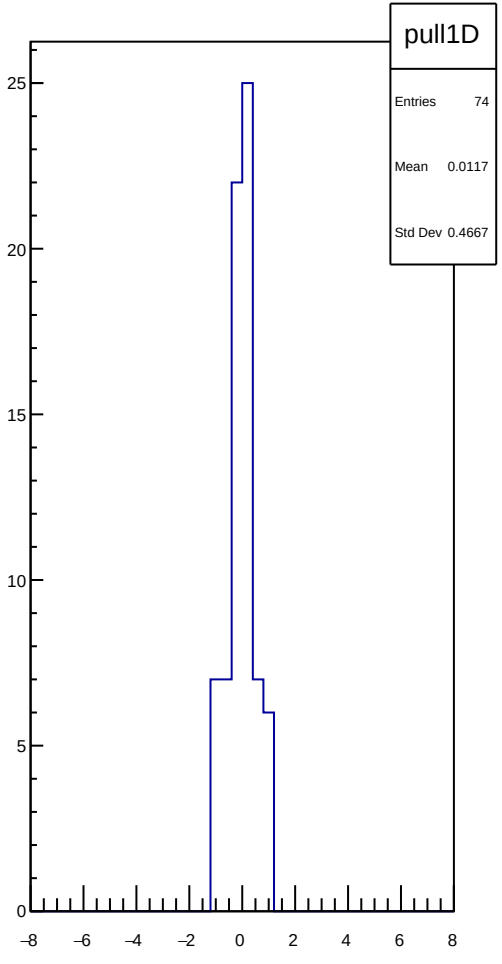

reg_asym_us_avg_diff_bpm4eY_slope vs run
χ² / ndf 13.05 / 73
p0 1.421 ± 3.046
pull
Entries 74
Mean 61.33
Std Dev 54.77
pull1D
Entries 74
Mean −0.006951
Std Dev 0.42

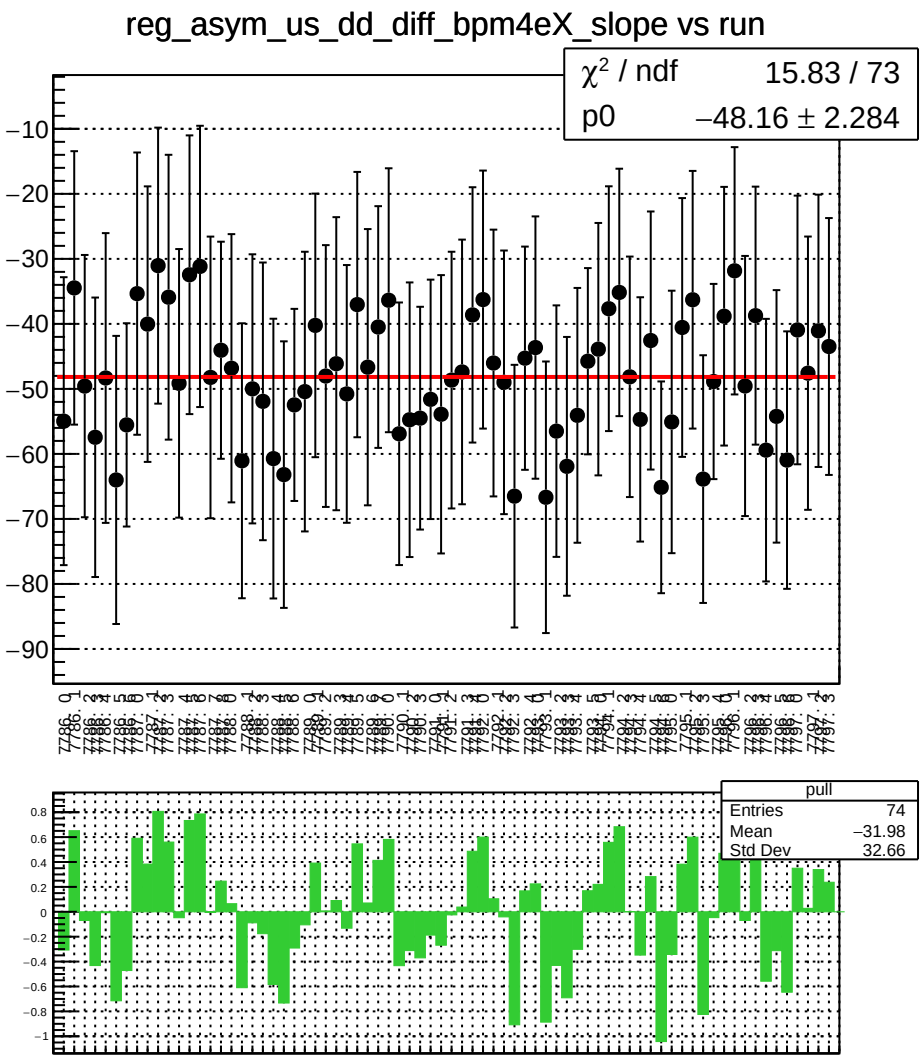

reg_asym_us_avg_diff_bpm12X_slope vs run
χ² / ndf 41.41 / 73
p0 −39.97 ± 0.09449
pull
Entries 74
Mean 239.9
Std Dev 178.7

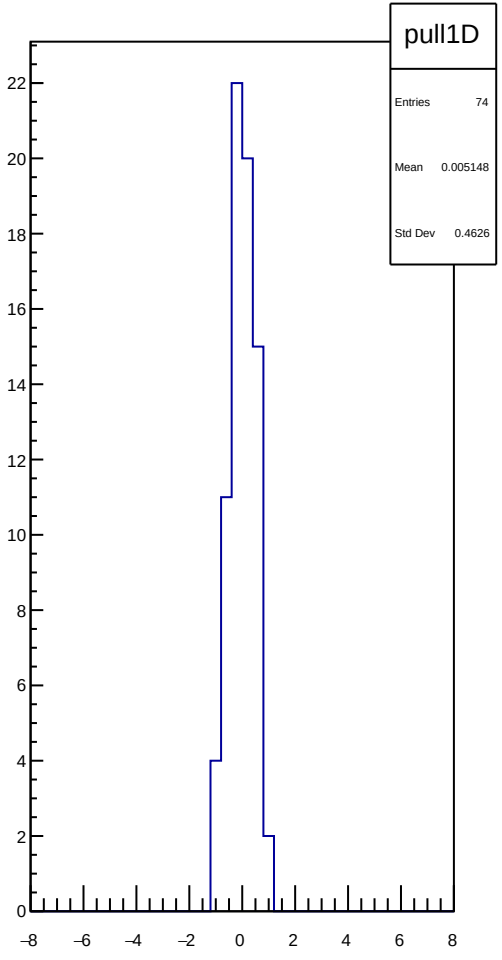

pull1D
Entries 74
Mean −0.0173
Std Dev 0.7479

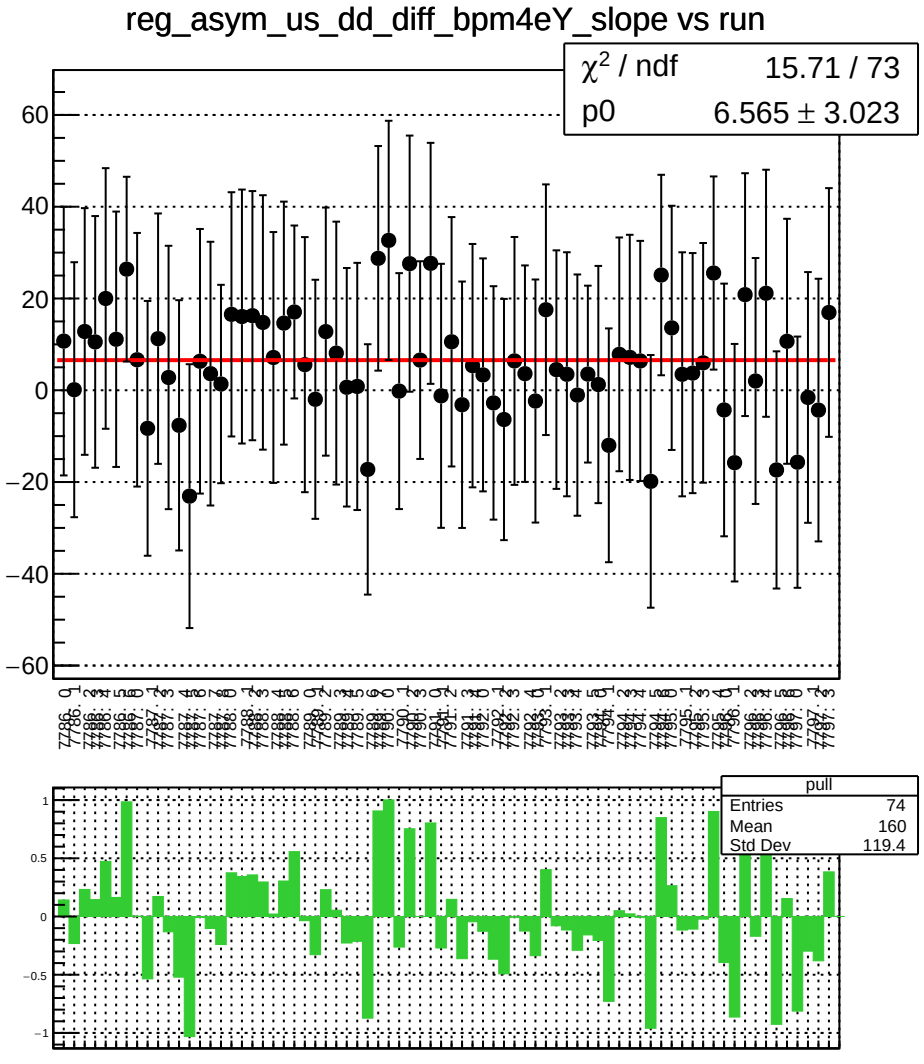

reg_asym_us_dd_diff_bpm1X_slope vs run
χ² / ndf 15.86 / 73
p0 −14.22 ± 2.627
pull
Entries 74
Mean −7.644
Std Dev 44.41
pull1D
Entries 74
Mean −0.005315
Std Dev 0.463

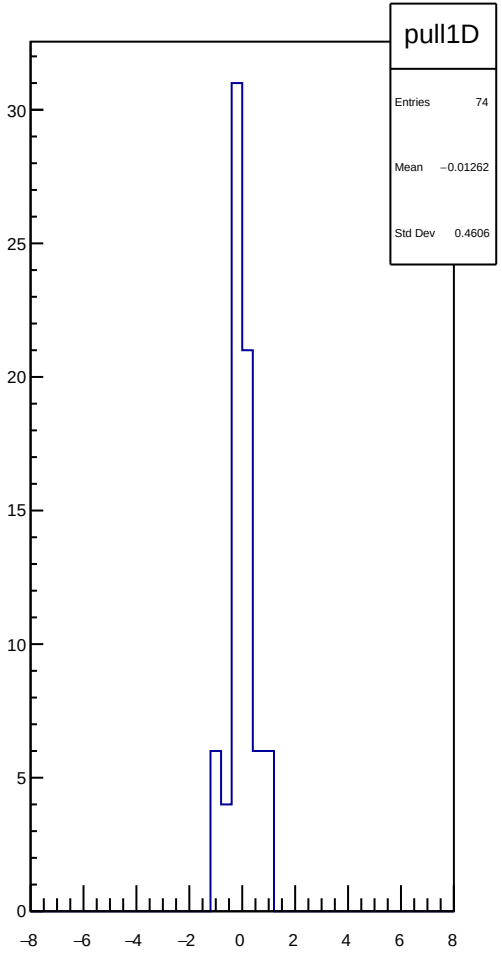

reg_asym_us_dd_diff_bpm4aY_slope vs run
χ² / ndf 16.13 / 73
p0 −2.535 ± 2.669
pull
Entries 74
Mean 182
Std Dev 139.4

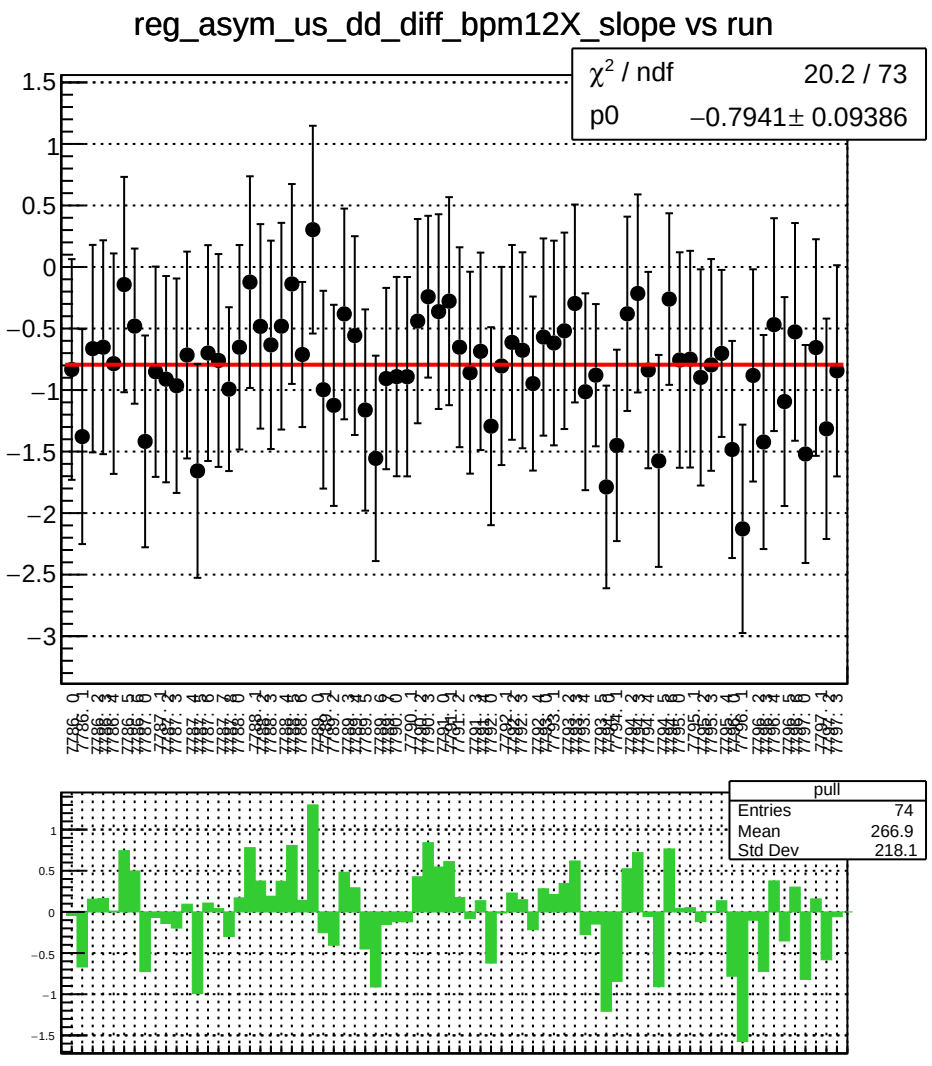

pull1D
Entries 74
Mean 0.0117
Std Dev 0.4667

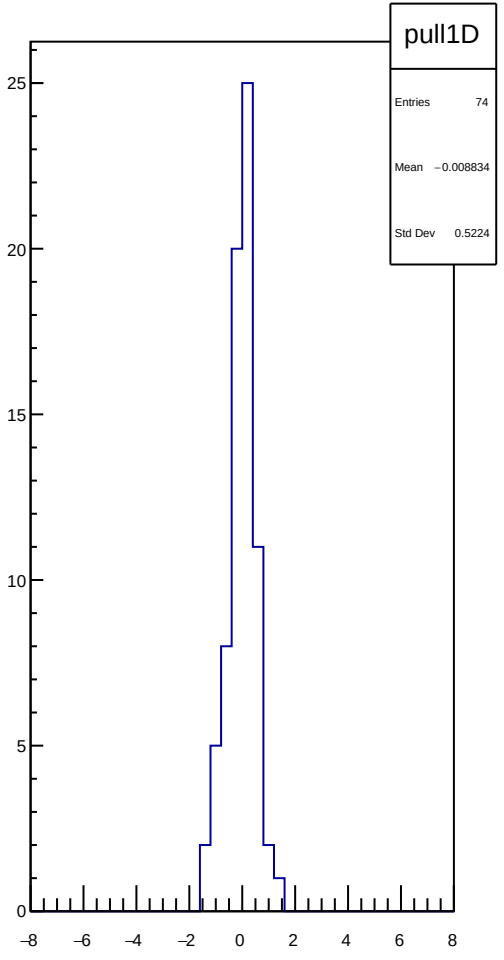

reg_asym_us_dd_diff_bpm4eX_slope vs run
χ² / ndf 15.83 / 73
p0 −48.16 ± 2.284
pull
Entries 74
Mean −31.98
Std Dev 32.66

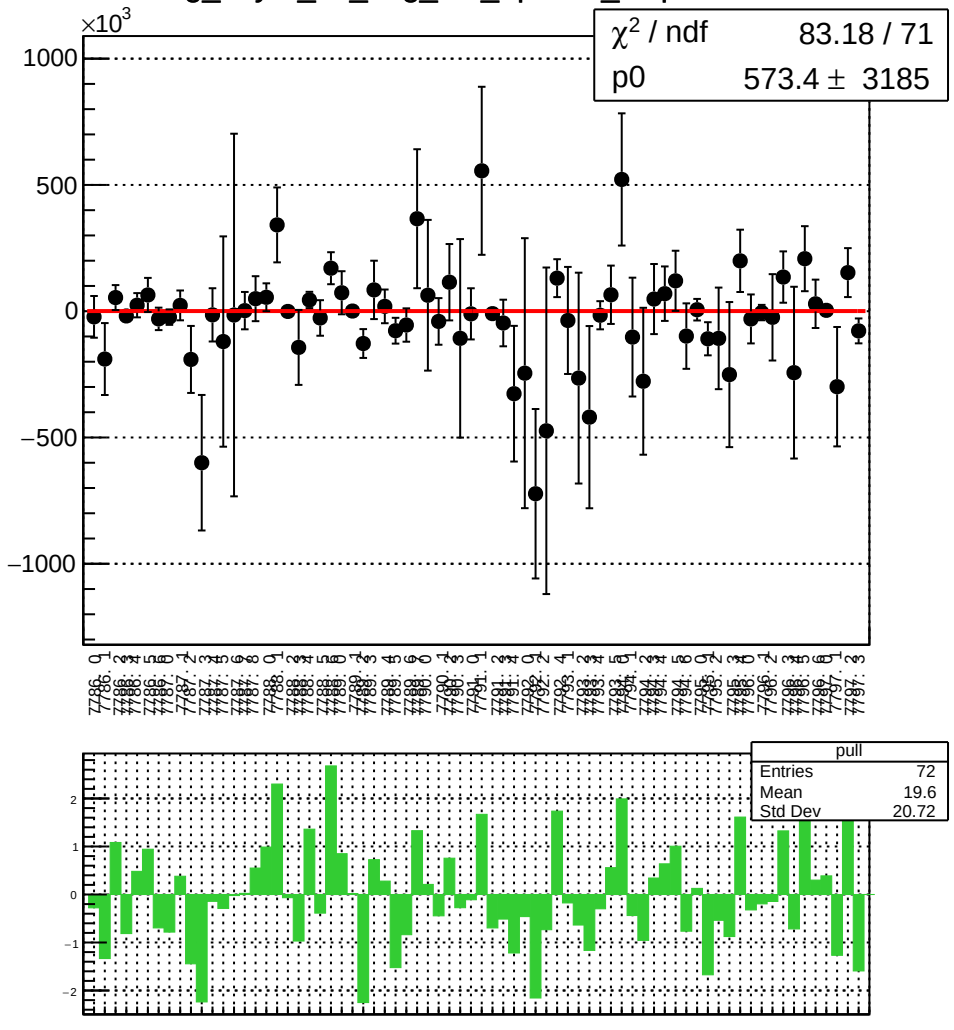

pull1D
Entries 74
Mean 0.005148
Std Dev 0.4626

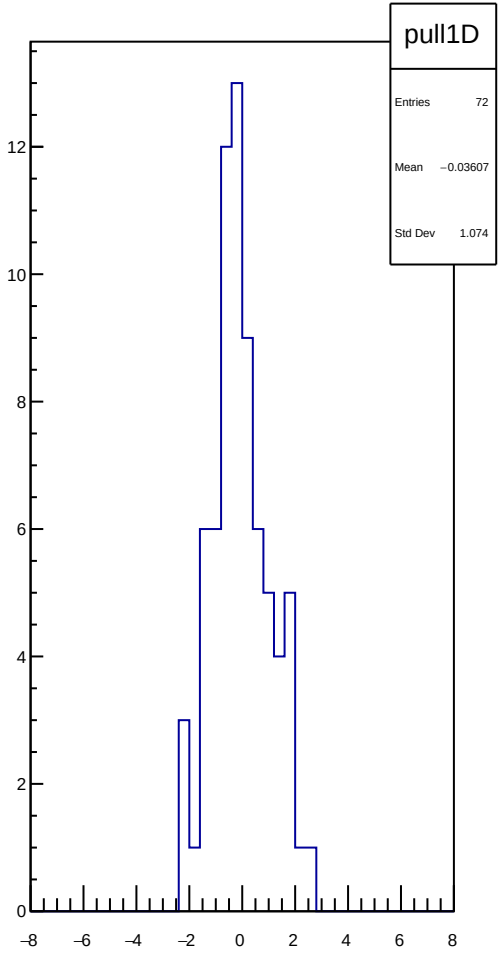

reg_asym_us_dd_diff_bpm4eY_slope vs run
χ² / ndf 15.71 / 73
p0 6.565 ± 3.023
pull
Entries 74
Mean 160
Std Dev 119.4

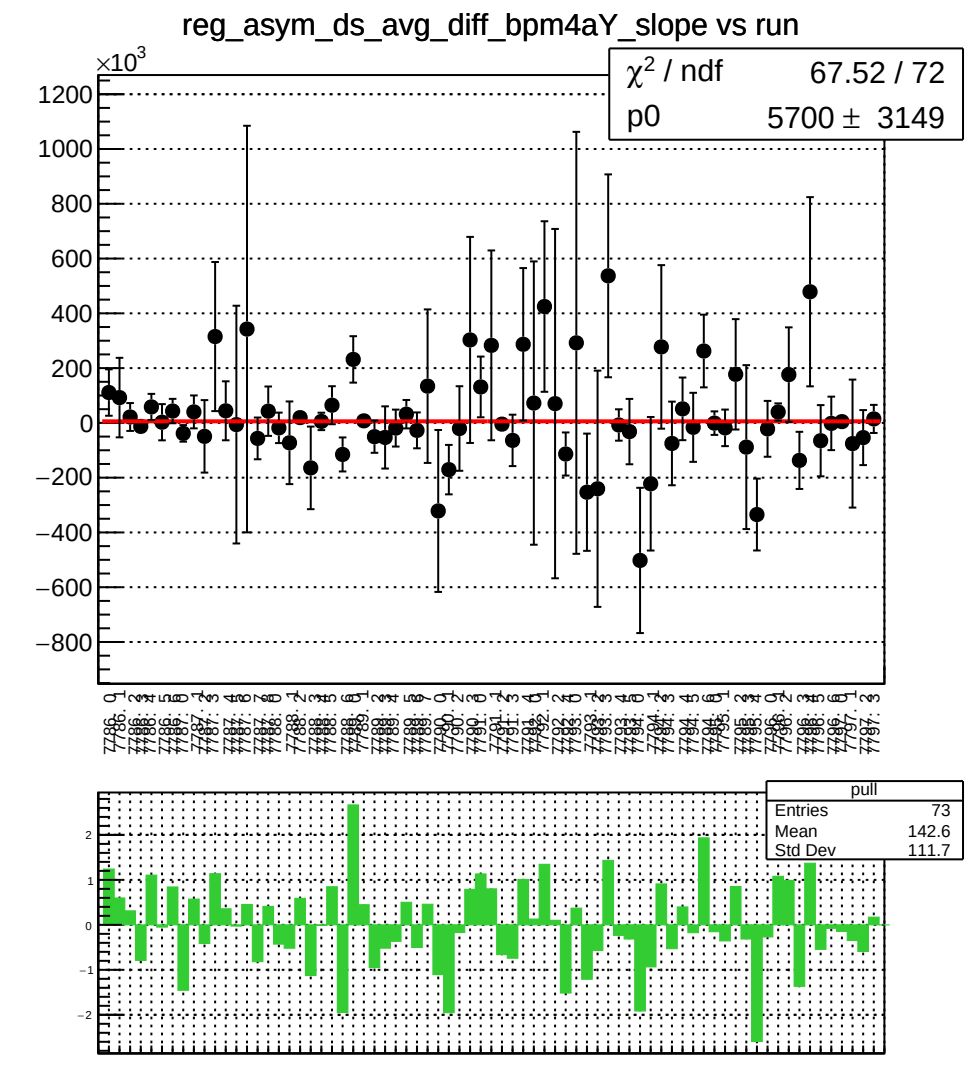

pull1D
Entries 74
Mean −0.01262
Std Dev 0.4606

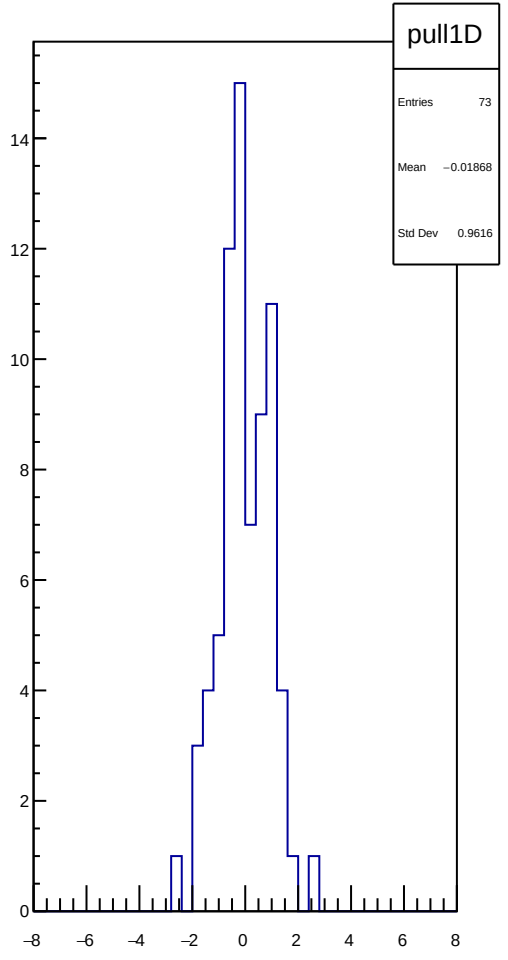

reg_asym_us_dd_diff_bpm12X_slope vs run
χ² / ndf 20.2 / 73
p0 −0.7941± 0.09386
pull
Entries 74
Mean 266.9
Std Dev 218.1

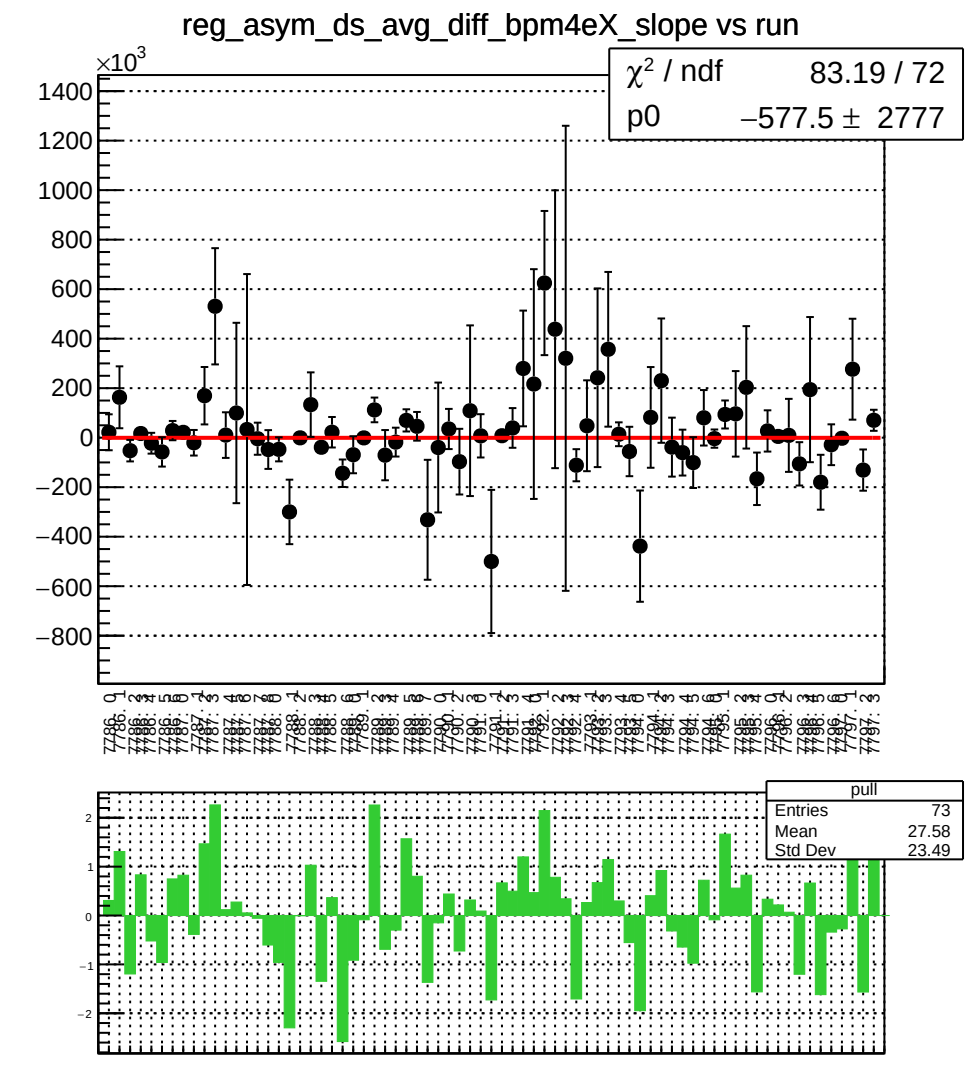

pull1D
Entries 74
Mean −0.008834
Std Dev 0.5224

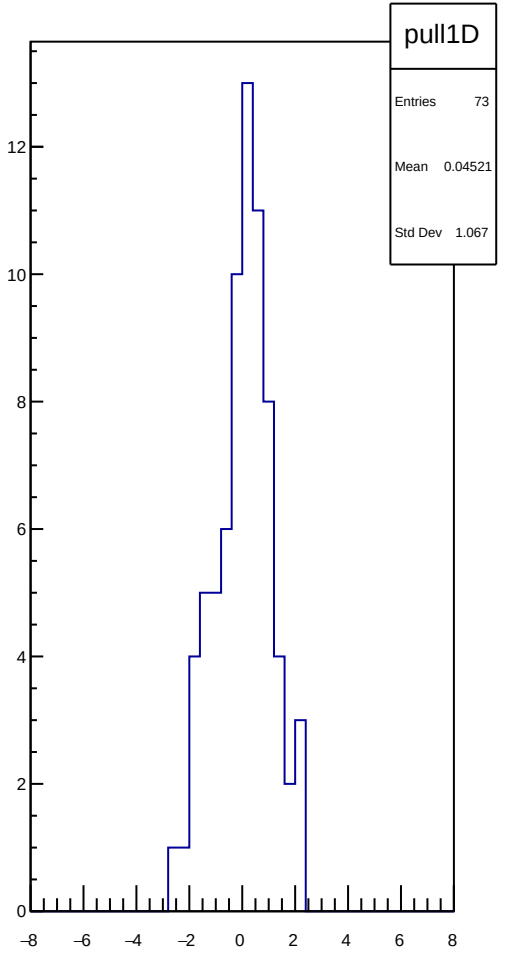

reg_asym_ds_avg_diff_bpm1X_slope vs run
×10^3
χ² / ndf 83.18 / 71
p0 573.4 ± 3185
1000
500
0
−500
−1000
pull
Entries 72
Mean 19.6
Std Dev 20.72
2
1
0
−1
−2

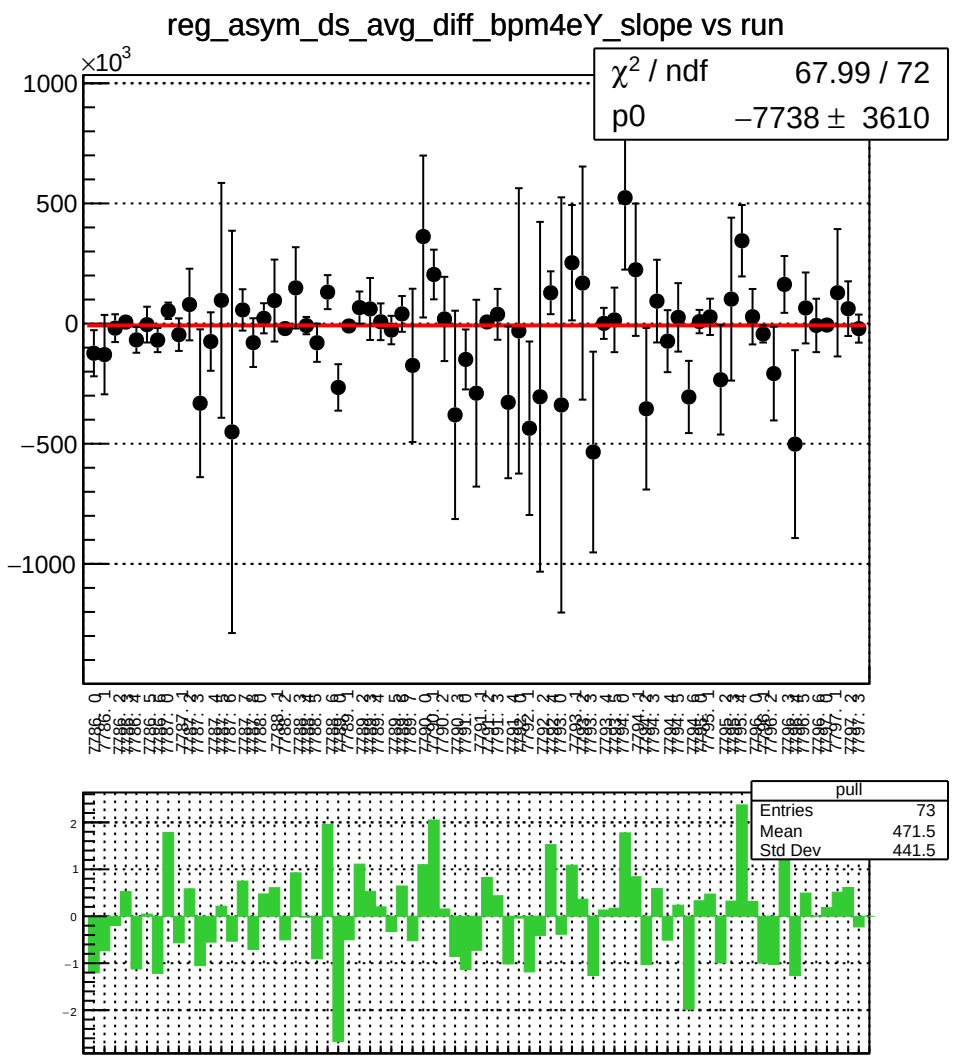

pull1D
Entries 72
Mean −0.03607
Std Dev 1.074
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

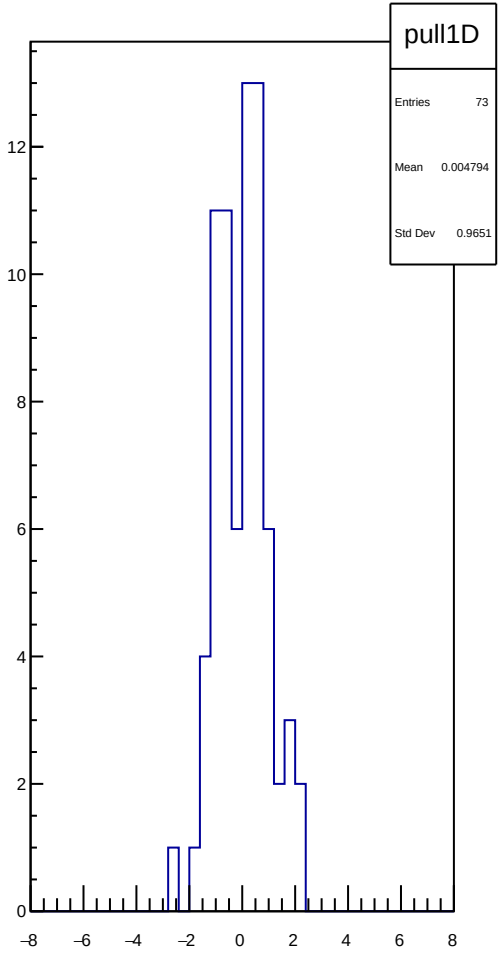

reg_asym_ds_avg_diff_bpm4aY_slope vs run
×10^3
χ² / ndf 67.52 / 72
p0 5700 ± 3149
pull
Entries 73
Mean 142.6
Std Dev 111.7

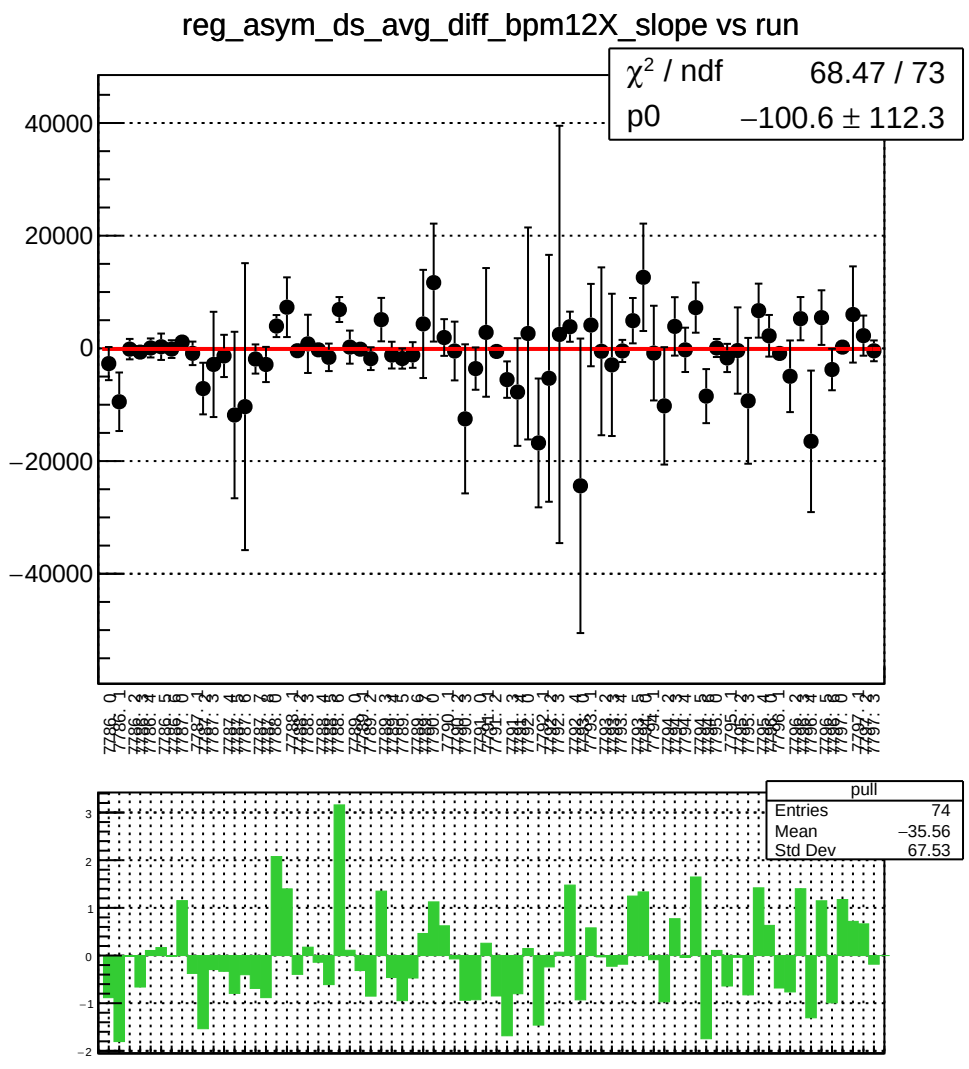

pull1D
Entries 73
Mean −0.01868
Std Dev 0.9616

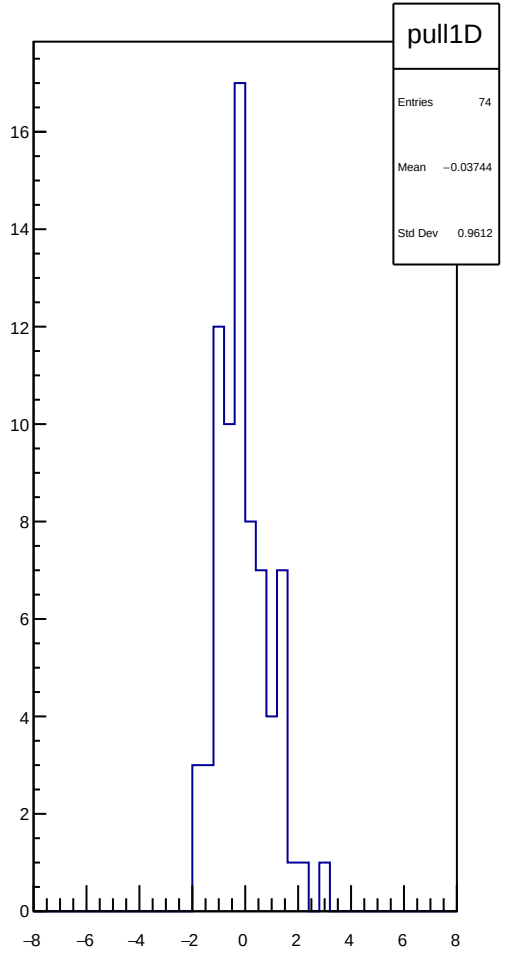

reg_asym_ds_avg_diff_bpm4eX_slope vs run
χ² / ndf 83.19 / 72
p0 −577.5 ± 2777
pull
Entries 73
Mean 27.58
Std Dev 23.49

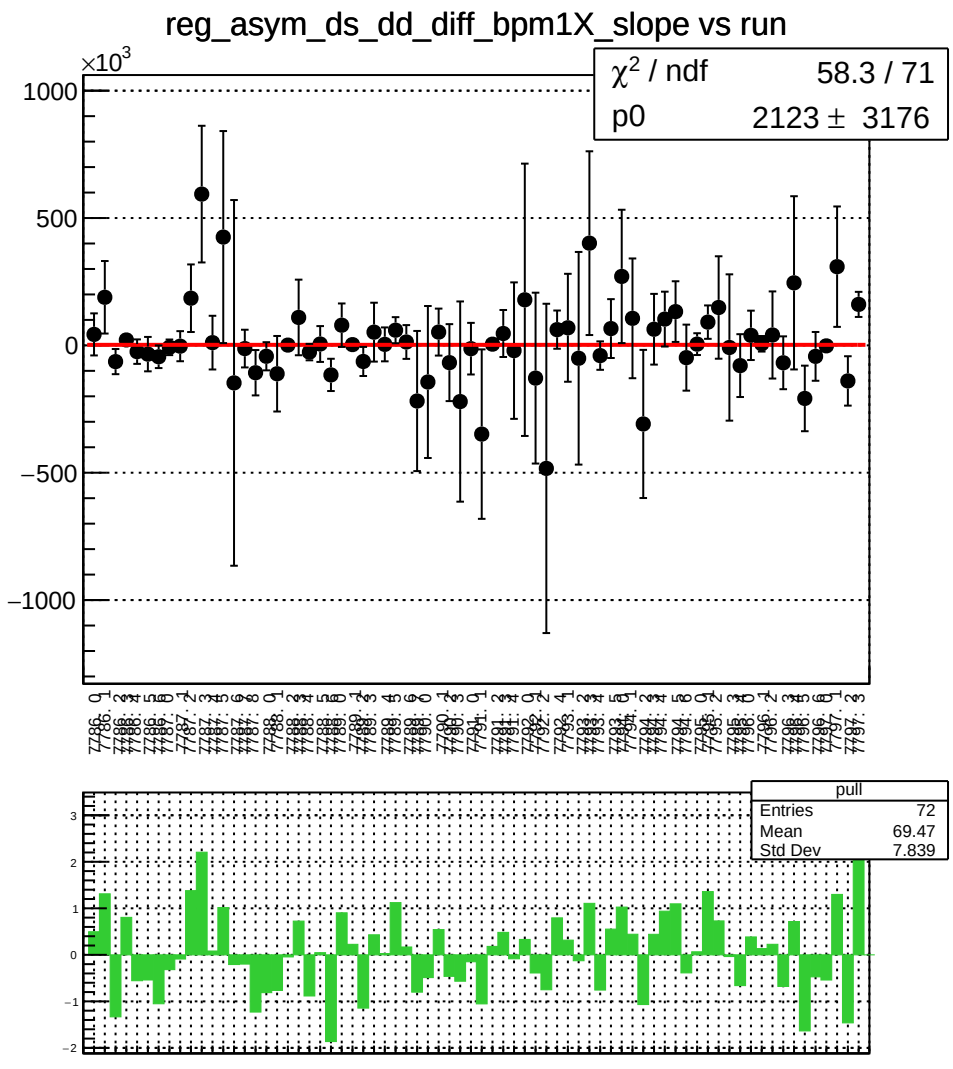

pull1D
Entries 73
Mean 0.04521
Std Dev 1.067

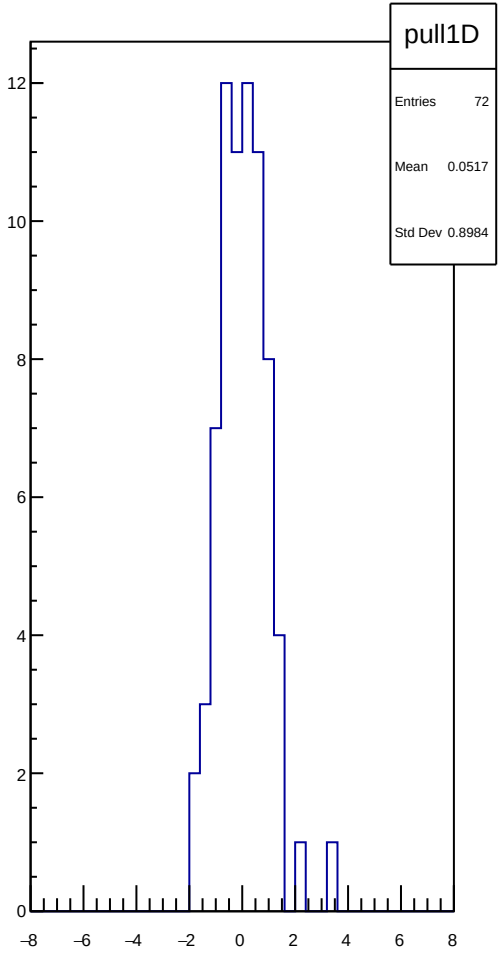

reg_asym_ds_avg_diff_bpm4eY_slope vs run
×10^3
1000
500
0
−500
−1000
χ² / ndf 67.99 / 72
p0 −7738 ± 3610
pull
Entries 73
Mean 471.5
Std Dev 441.5
2
1
0
−1
−2

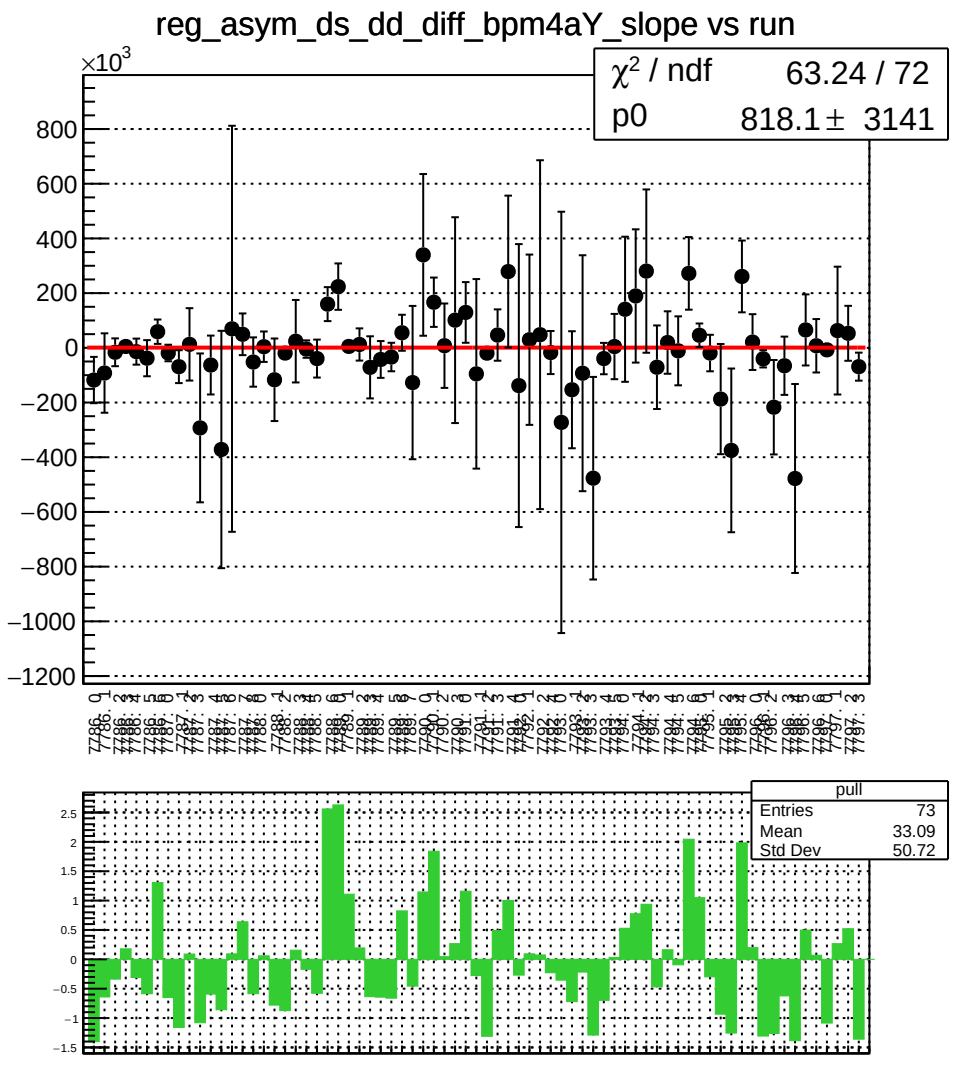

pull1D
Entries 73
Mean 0.004794
Std Dev 0.9651
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

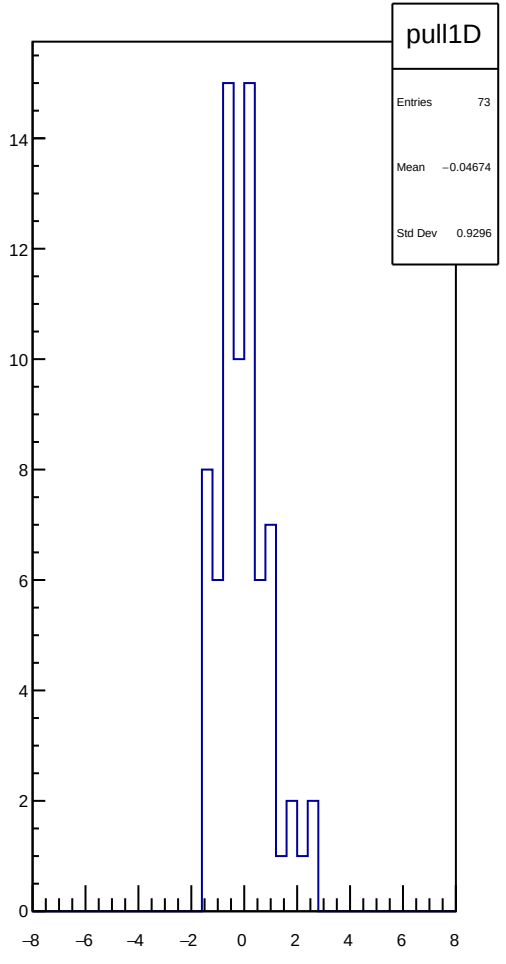

reg_asym_ds_avg_diff_bpm12X_slope vs run
χ² / ndf 68.47 / 73
p0 −100.6 ± 112.3
40000
20000
0
−20000
−40000
pull
Entries 74
Mean −35.56
Std Dev 67.53
3
2
1
0
−1
−2

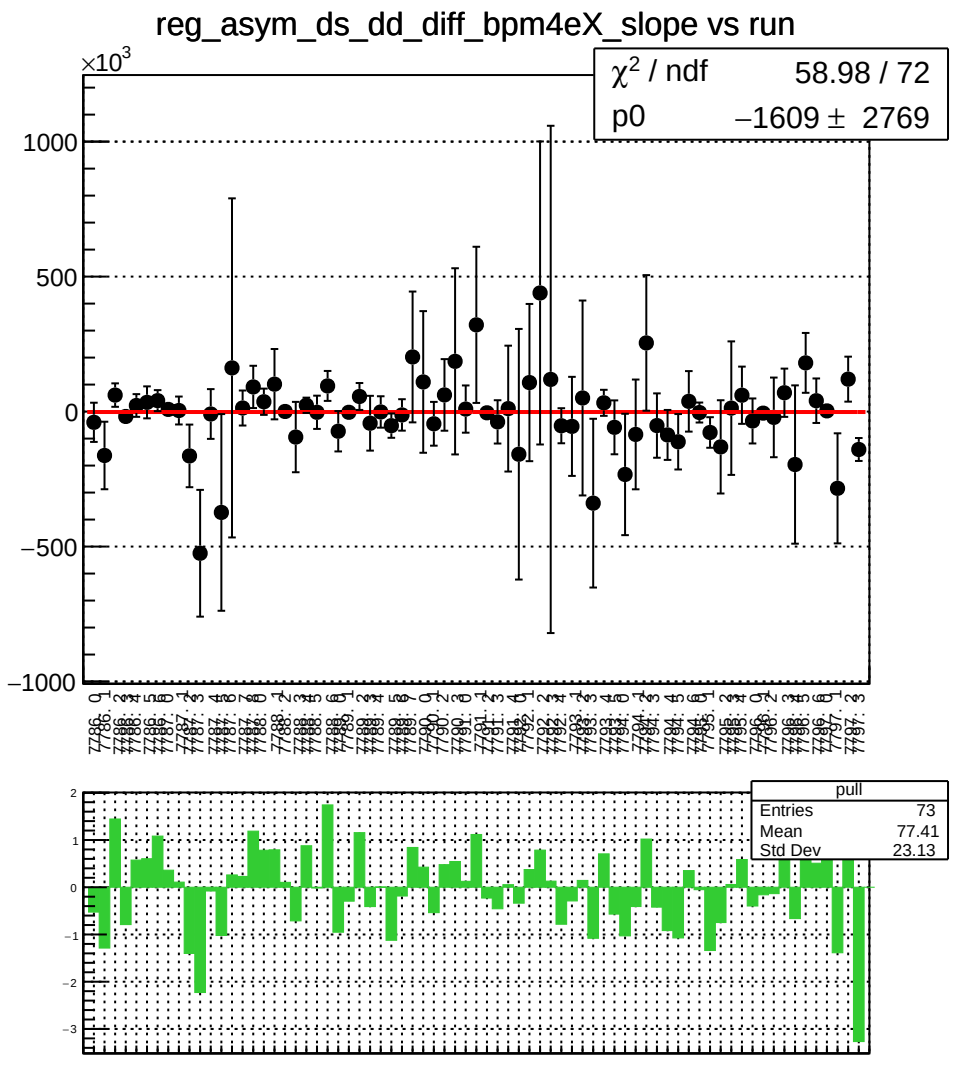

pull1D
Entries 74
Mean −0.03744
Std Dev 0.9612
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

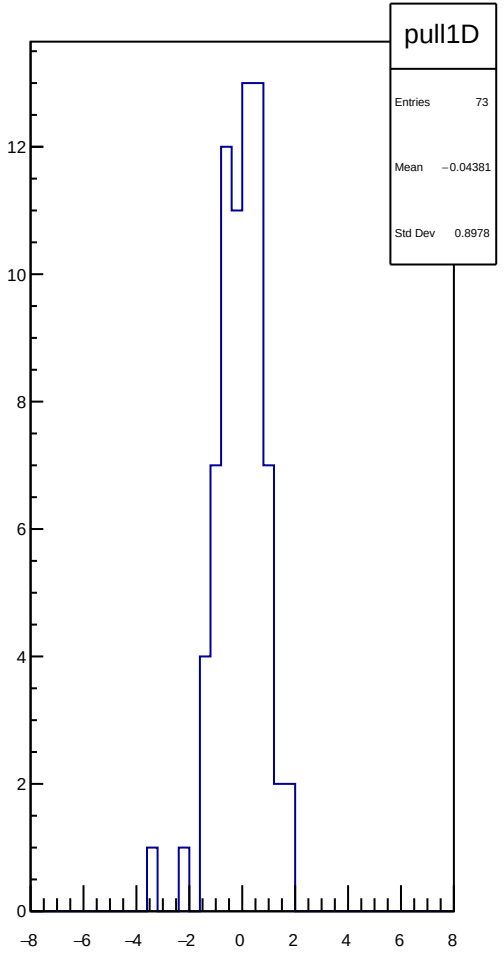

reg_asym_ds_dd_diff_bpm1X_slope vs run
×10^3
χ^2 / ndf 58.3 / 71
p0 2123 ± 3176
1000
500
0
−500
−1000
pull
Entries 72
Mean 69.47
Std Dev 7.839
3
2
1
0
−1
−2

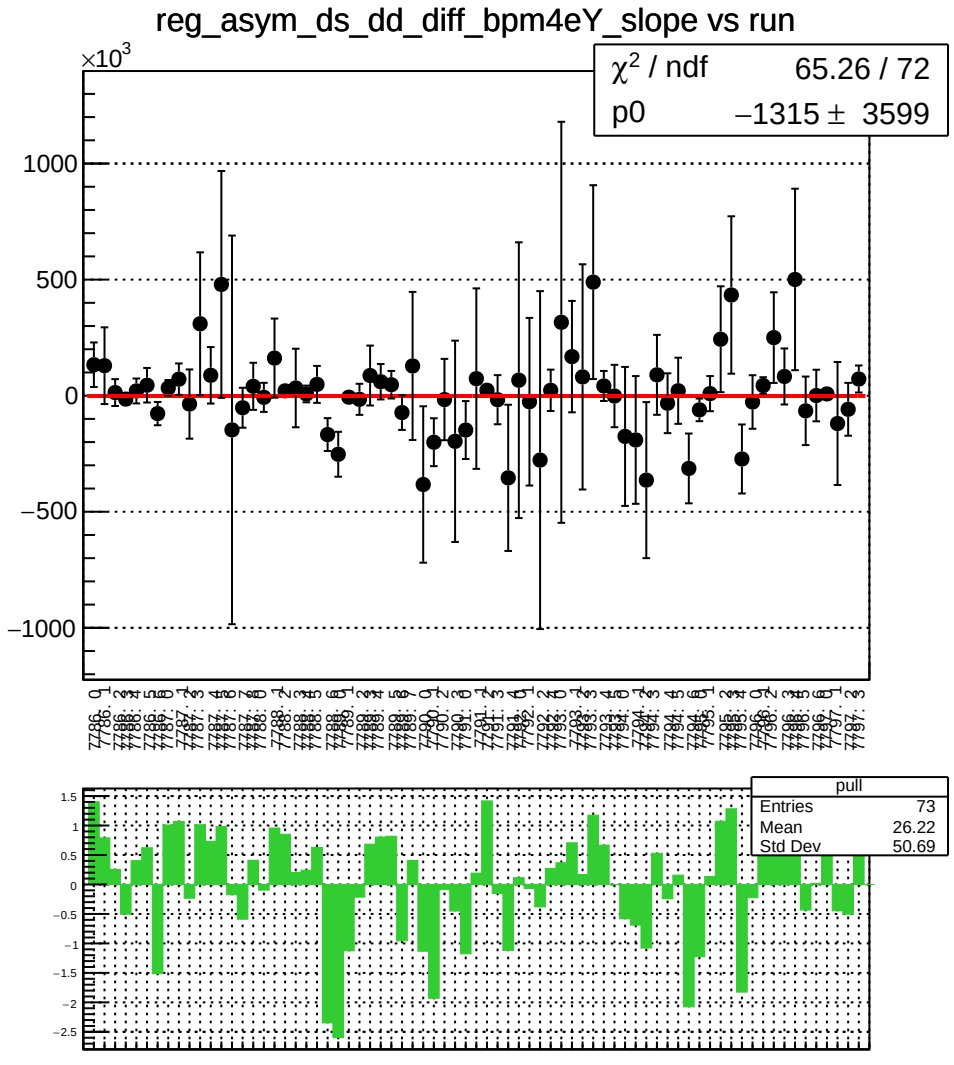

pull1D
Entries 72
Mean 0.0517
Std Dev 0.8984
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

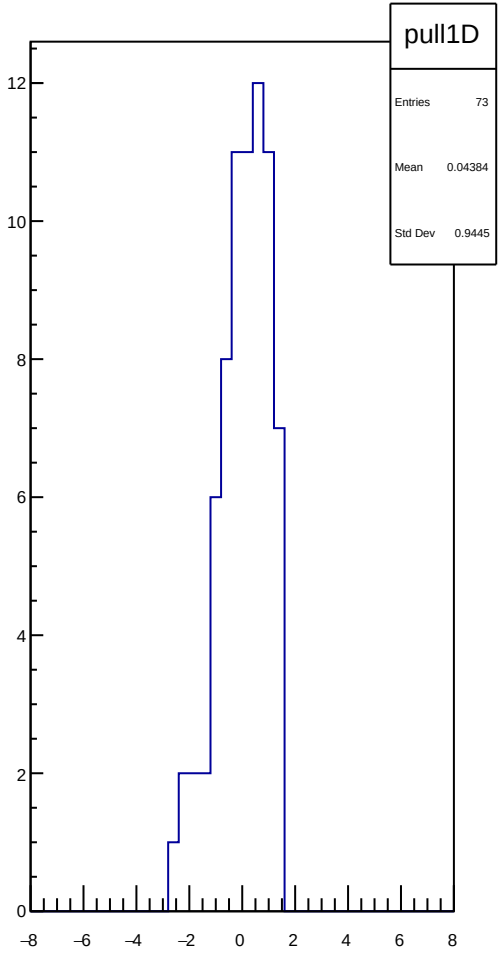

reg_asym_ds_dd_diff_bpm4aY_slope vs run
×10^3
χ² / ndf 63.24 / 72
p0 818.1 ± 3141
800
600
400
200
0
−200
−400
−600
−800
−1000
−1200
pull
Entries 73
Mean 33.09
Std Dev 50.72
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5

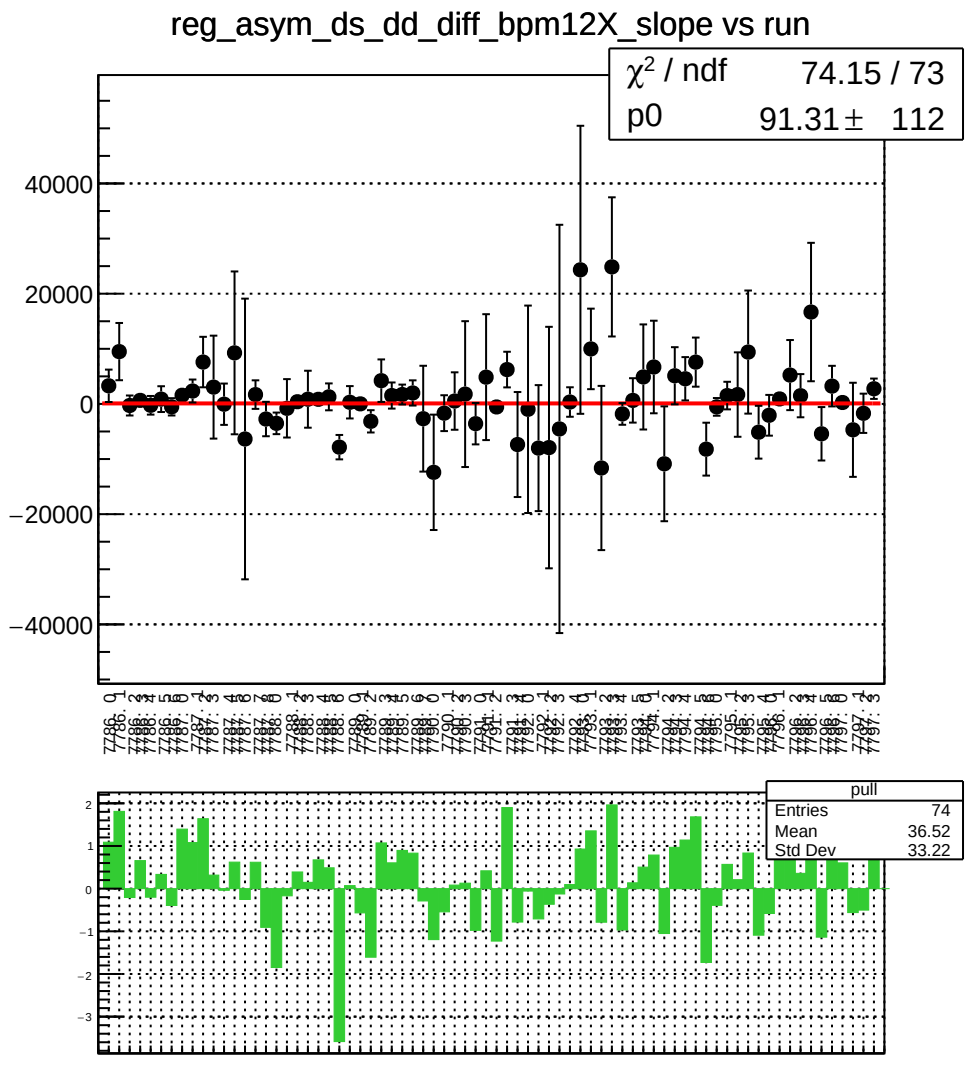

pull1D
Entries 73
Mean −0.04674
Std Dev 0.9296
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

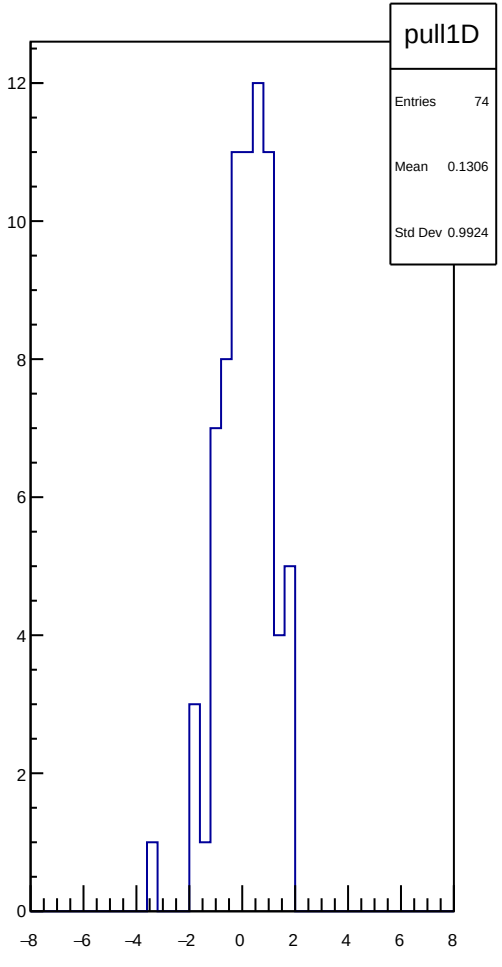

reg_asym_ds_dd_diff_bpm4eX_slope vs run
×10^3
χ² / ndf 58.98 / 72
p0 −1609 ± 2769
1000
500
0
−500
−1000
pull
Entries 73
Mean 77.41
Std Dev 23.13
2
1
0
−1
−2
−3

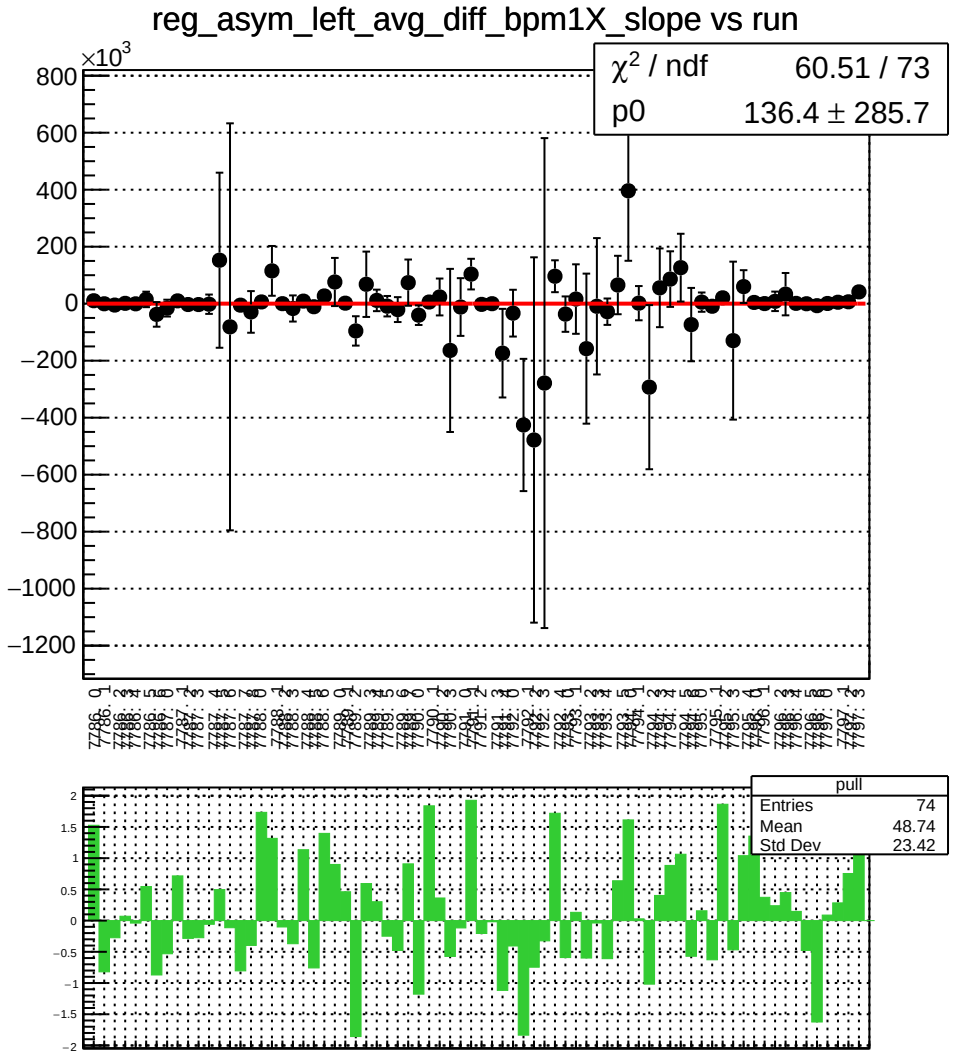

pull1D
Entries 73
Mean −0.04381
Std Dev 0.8978
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

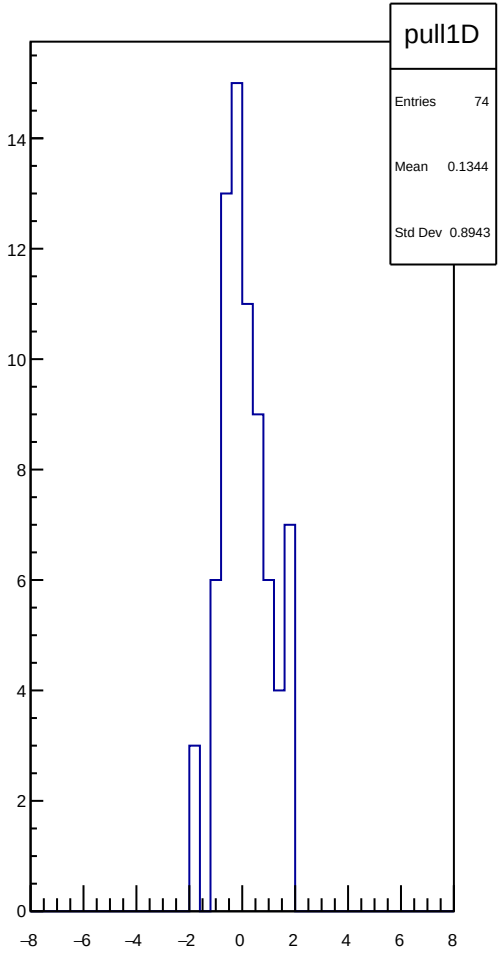

reg_asym_ds_dd_diff_bpm4eY_slope vs run
×10^3
χ² / ndf 65.26 / 72
p0 −1315 ± 3599
1000
500
0
−500
−1000
pull
Entries 73
Mean 26.22
Std Dev 50.69
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5

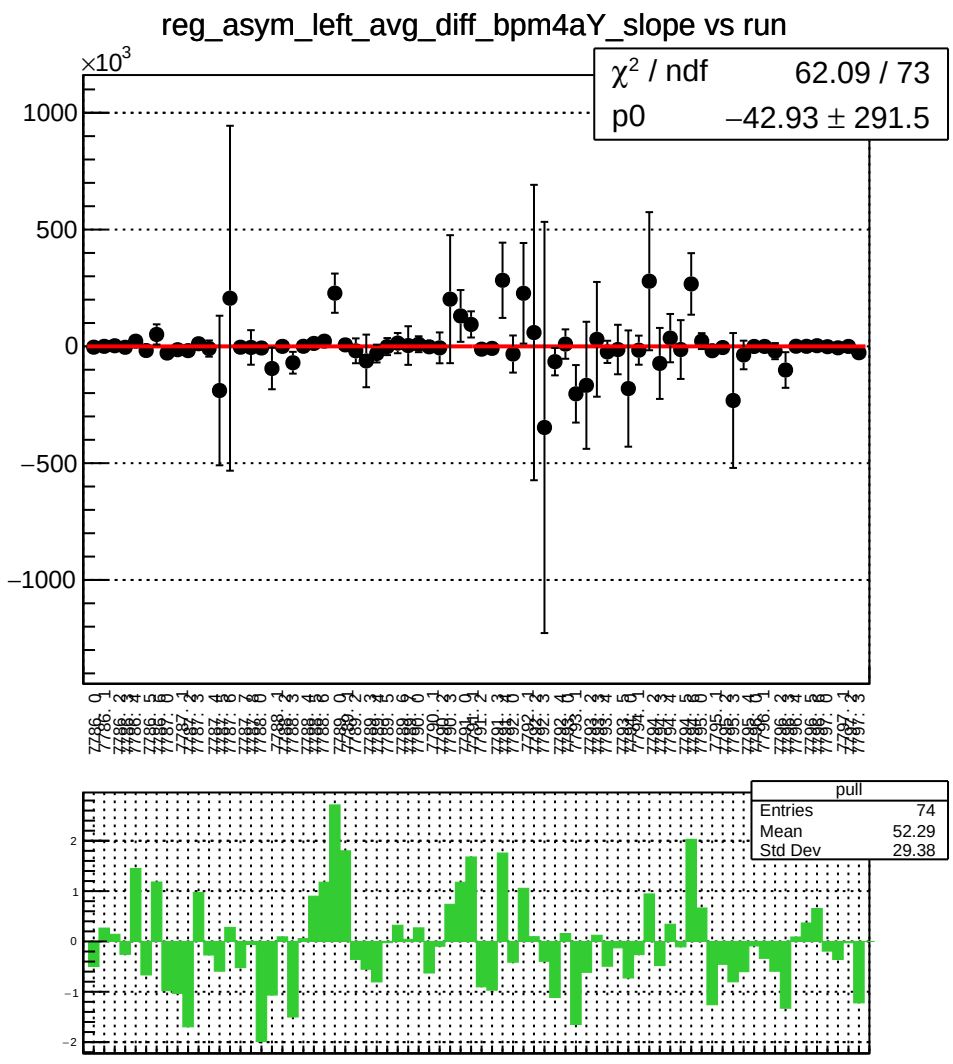

pull1D
Entries 73
Mean 0.04384
Std Dev 0.9445
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

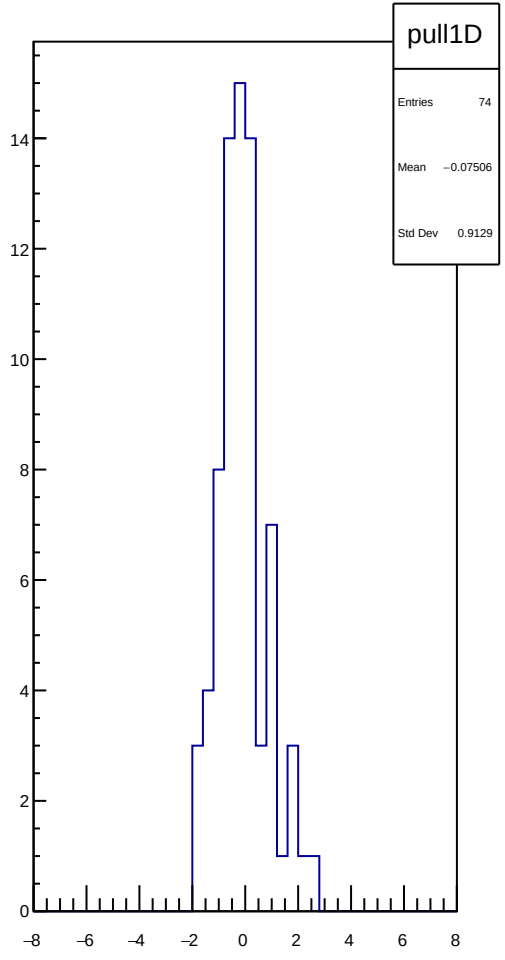

reg_asym_ds_dd_diff_bpm12X_slope vs run
χ² / ndf 74.15 / 73
p0 91.31 ± 112
40000
20000
0
−20000
−40000
pull
Entries 74
Mean 36.52
Std Dev 33.22
2
1
0
−1
−2
−3

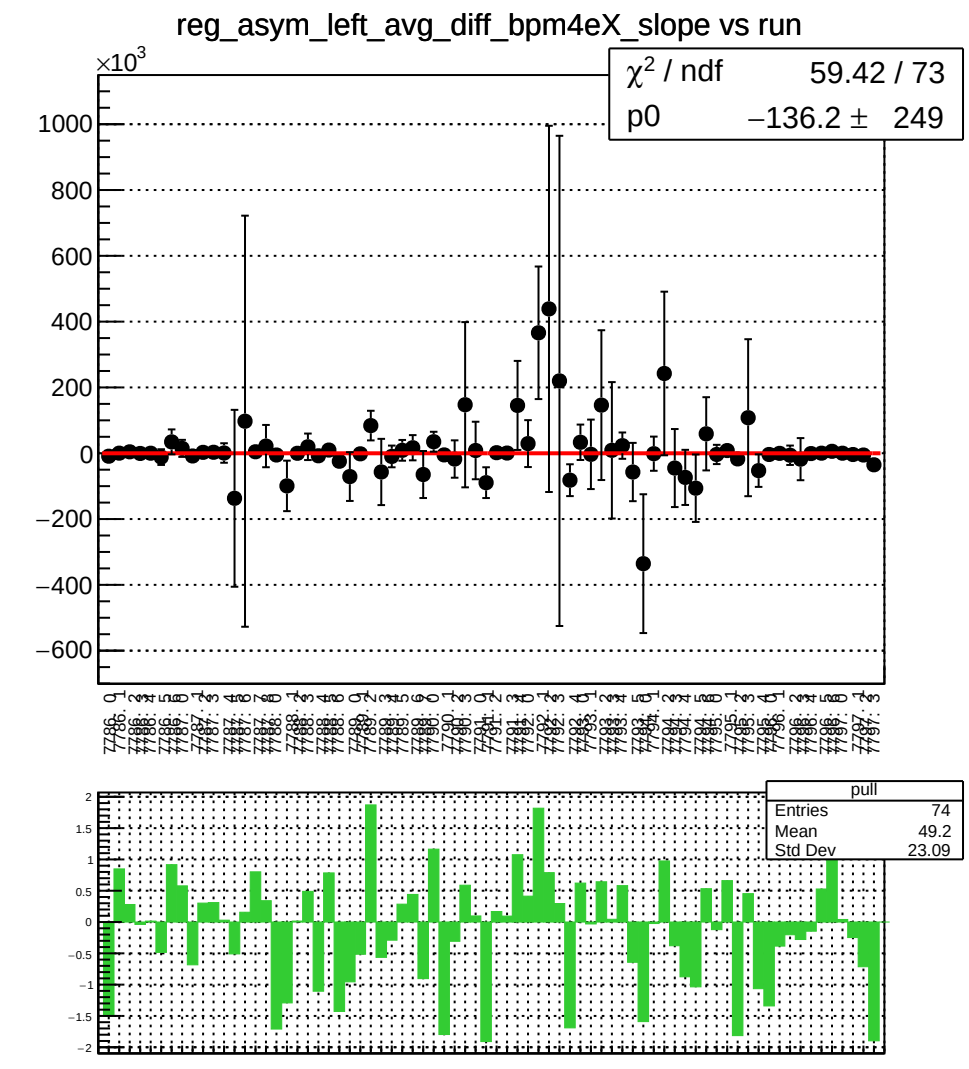

pull1D
Entries 74
Mean 0.1306
Std Dev 0.9924
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

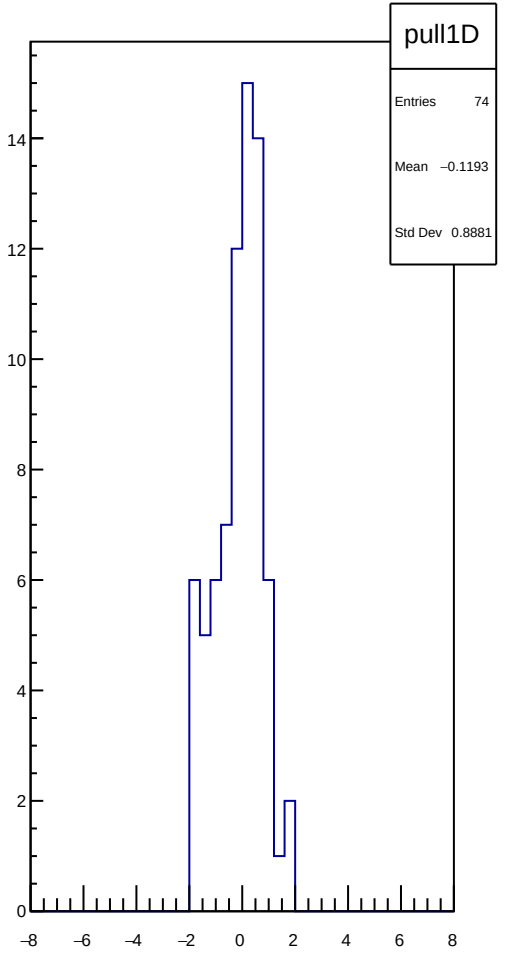

reg_asym_left_avg_diff_bpm1X_slope vs run
χ² / ndf 60.51 / 73
p0 136.4 ± 285.7
pull
Entries 74
Mean 48.74
Std Dev 23.42

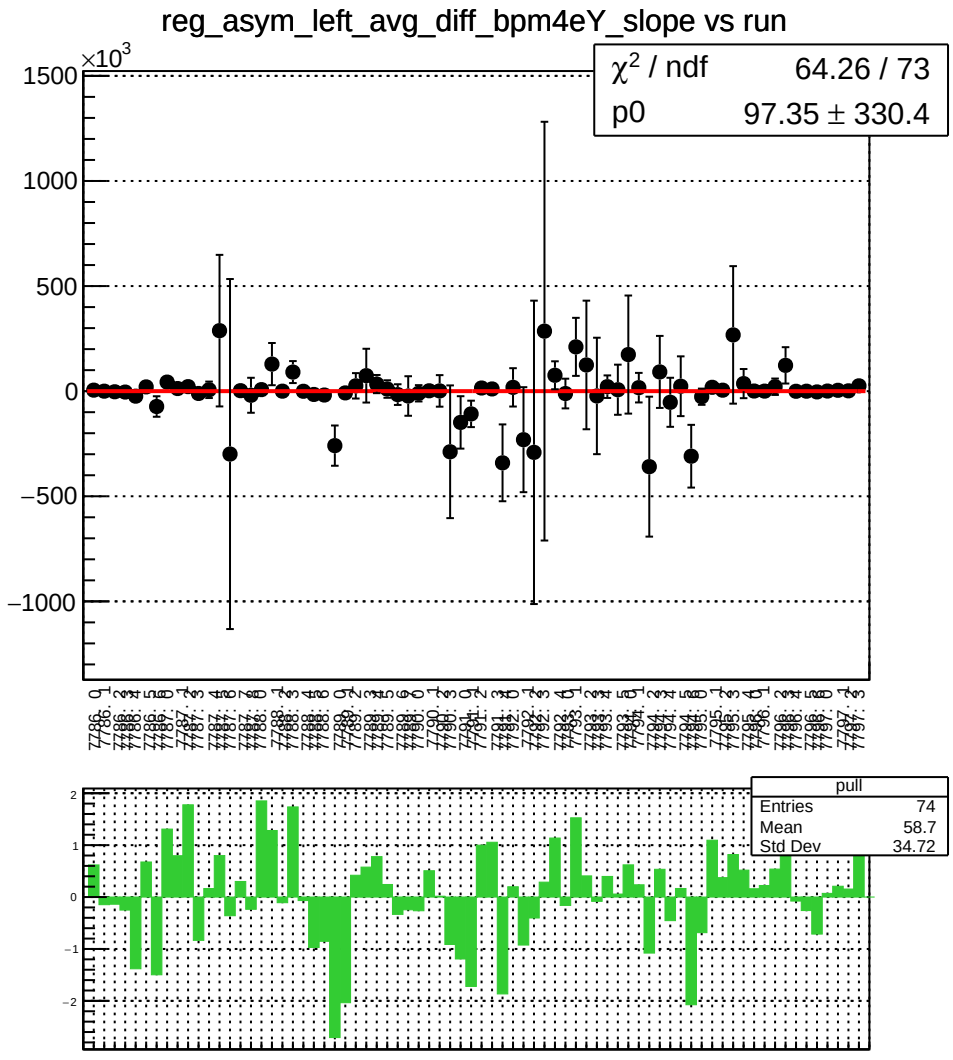

pull1D
Entries 74
Mean 0.1344
Std Dev 0.8943

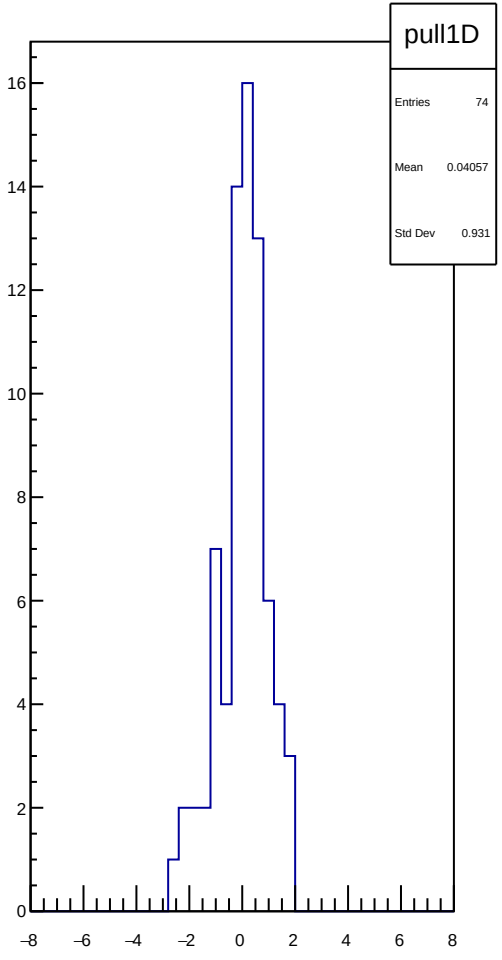

reg_asym_left_avg_diff_bpm4aY_slope vs run
×10^3
1000
500
0
−500
−1000
χ² / ndf 62.09 / 73
p0 −42.93 ± 291.5
pull
Entries 74
Mean 52.29
Std Dev 29.38
2
1
0
−1
−2

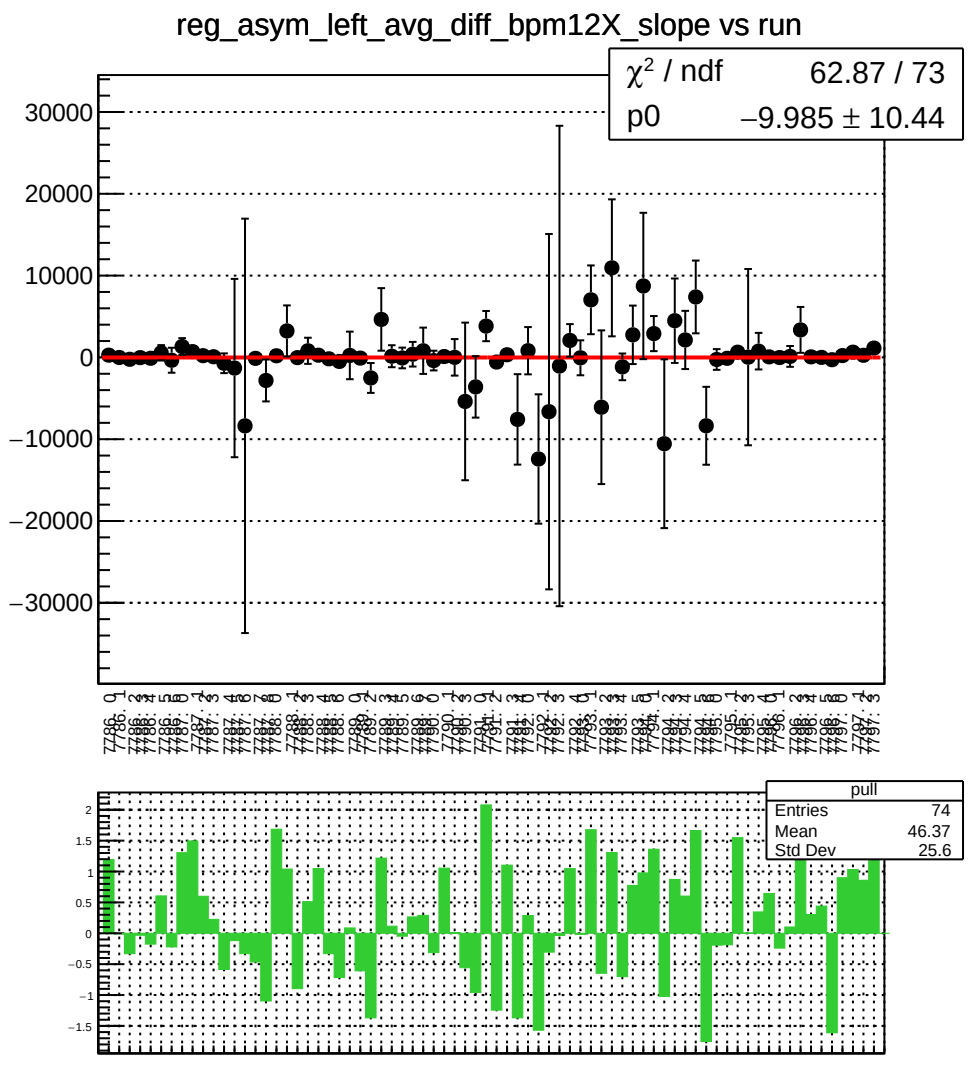

pull1D
Entries 74
Mean −0.07506
Std Dev 0.9129
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

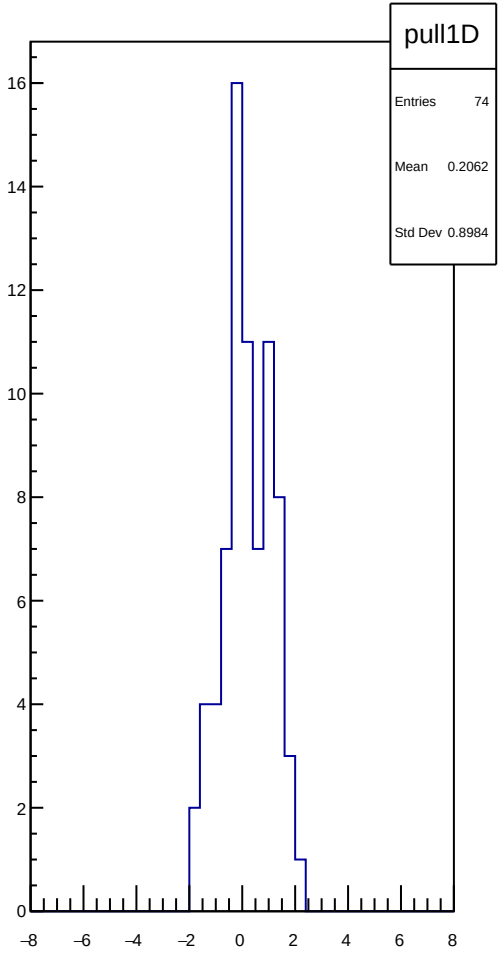

reg_asym_left_avg_diff_bpm4eX_slope vs run
×10^3
χ² / ndf 59.42 / 73
p0 −136.2 ± 249
pull
Entries 74
Mean 49.2
Std Dev 23.09

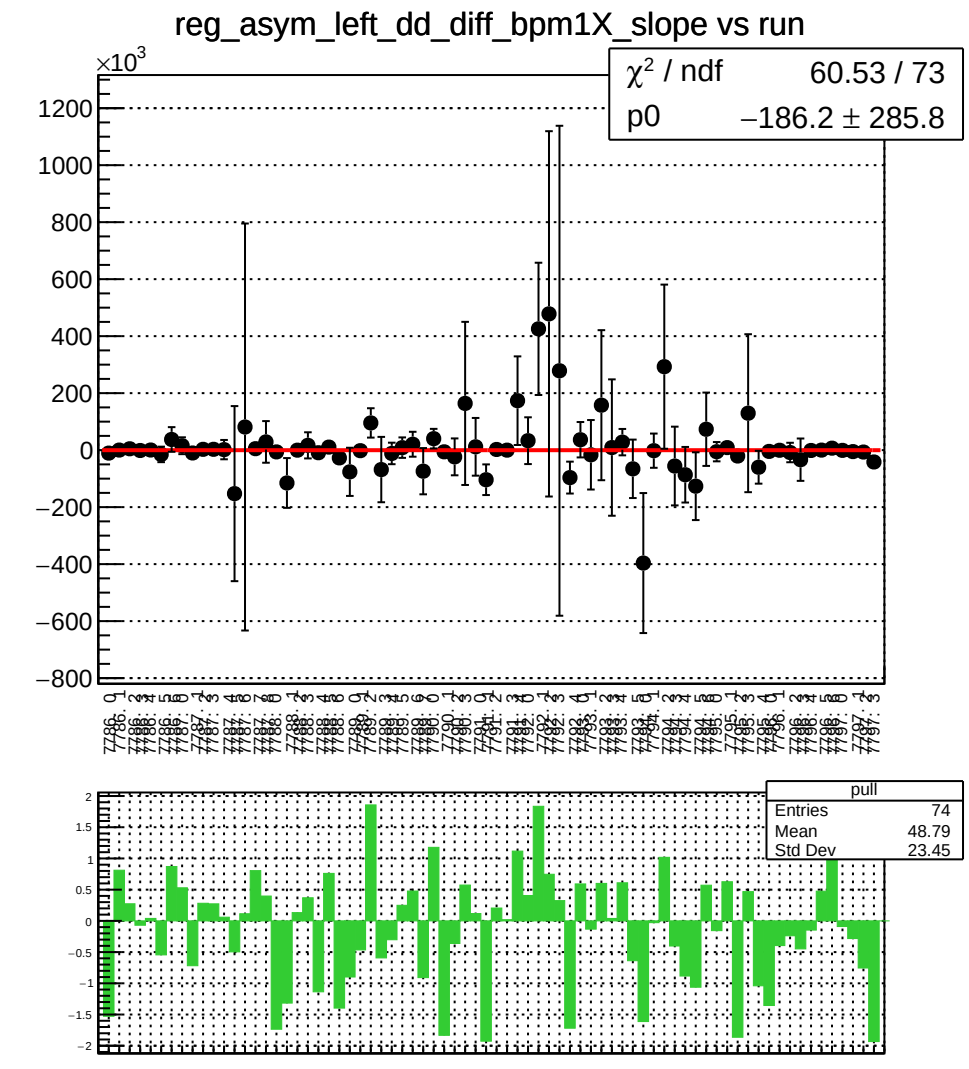

pull1D
Entries 74
Mean −0.1193
Std Dev 0.8881

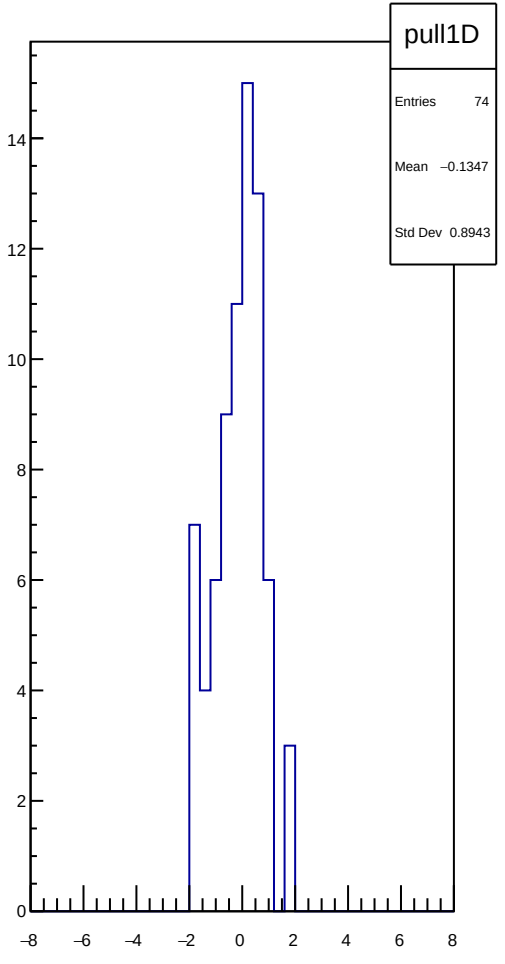

reg_asym_left_avg_diff_bpm4eY_slope vs run
χ² / ndf 64.26 / 73
p0 97.35 ± 330.4
pull
Entries 74
Mean 58.7
Std Dev 34.72

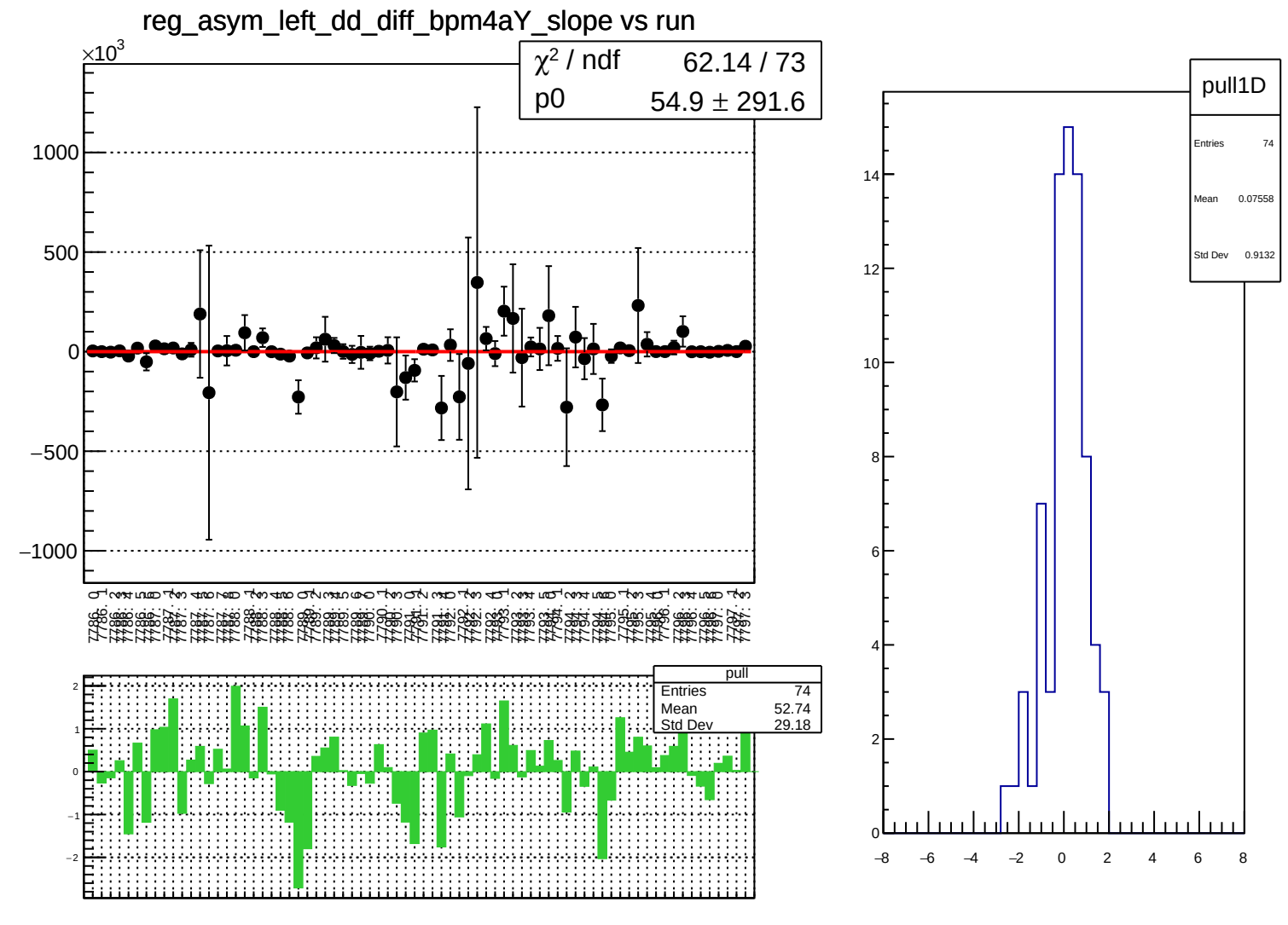

pull1D
Entries 74
Mean 0.04057
Std Dev 0.931

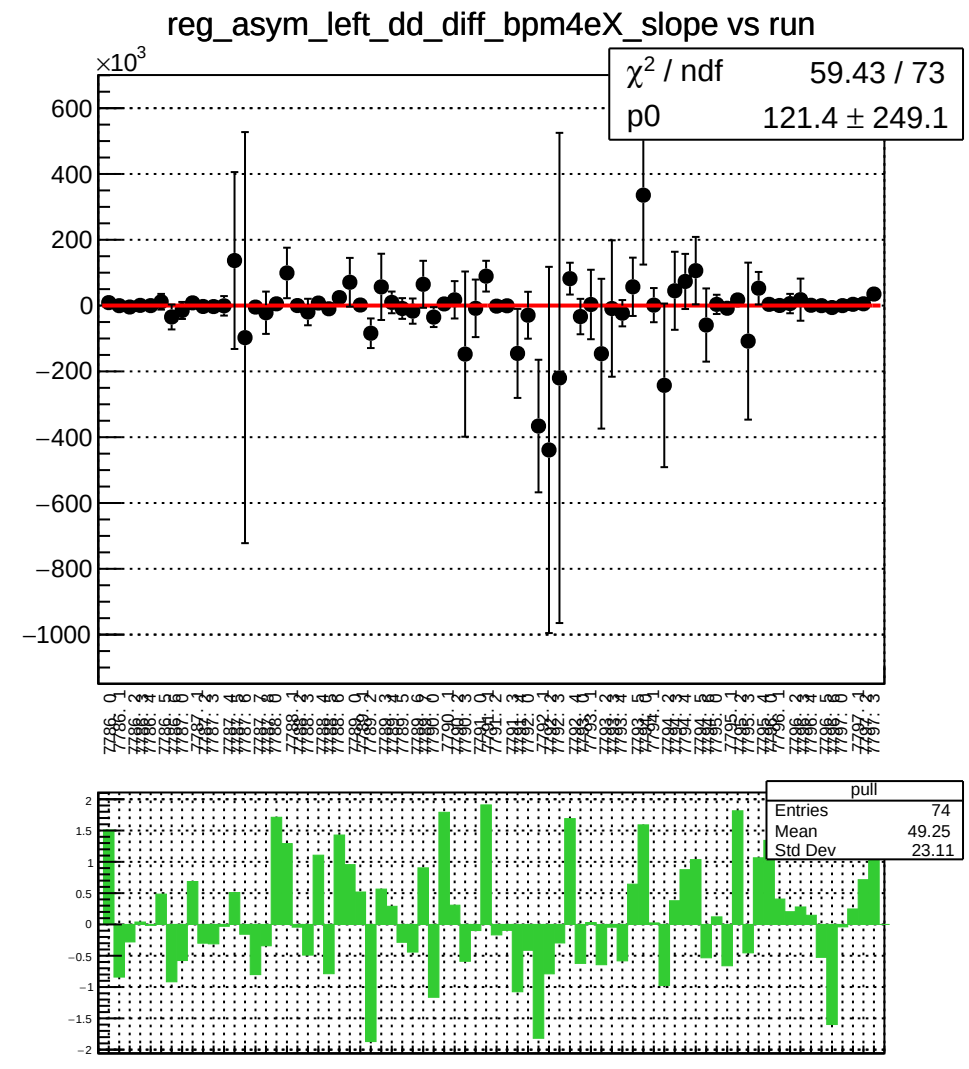

reg_asym_left_avg_diff_bpm12X_slope vs run
χ² / ndf 62.87 / 73
p0 −9.985 ± 10.44
pull
Entries 74
Mean 46.37
Std Dev 25.6

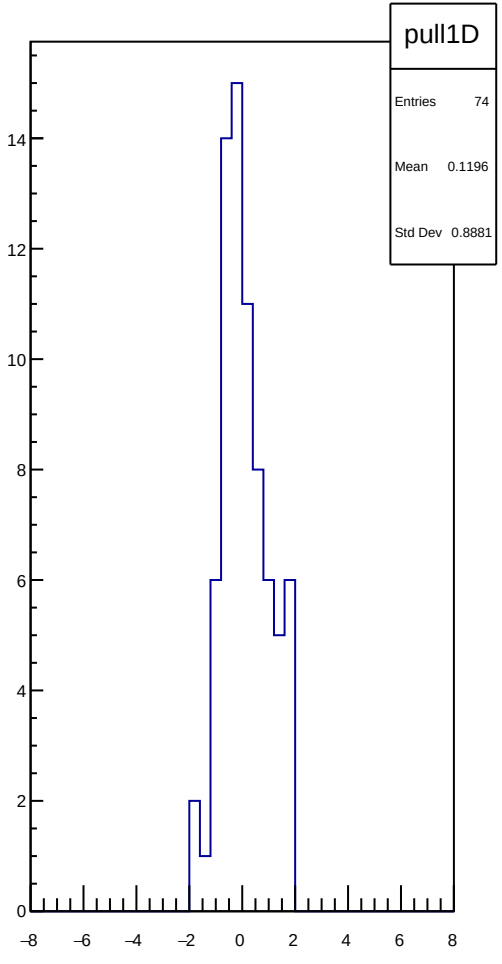

pull1D
Entries 74
Mean 0.2062
Std Dev 0.8984

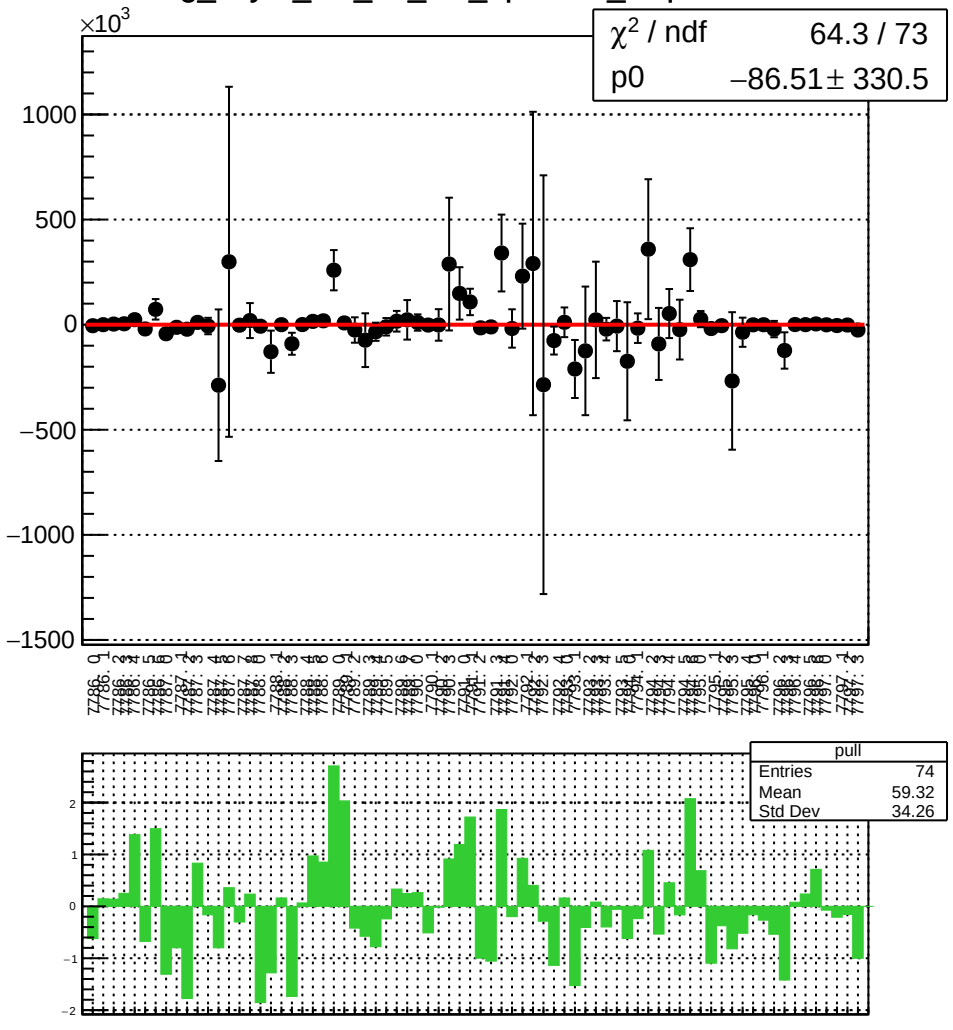

reg_asym_left_dd_diff_bpm1X_slope vs run
χ² / ndf 60.53 / 73
p0 −186.2 ± 285.8
pull
Entries 74
Mean 48.79
Std Dev 23.45

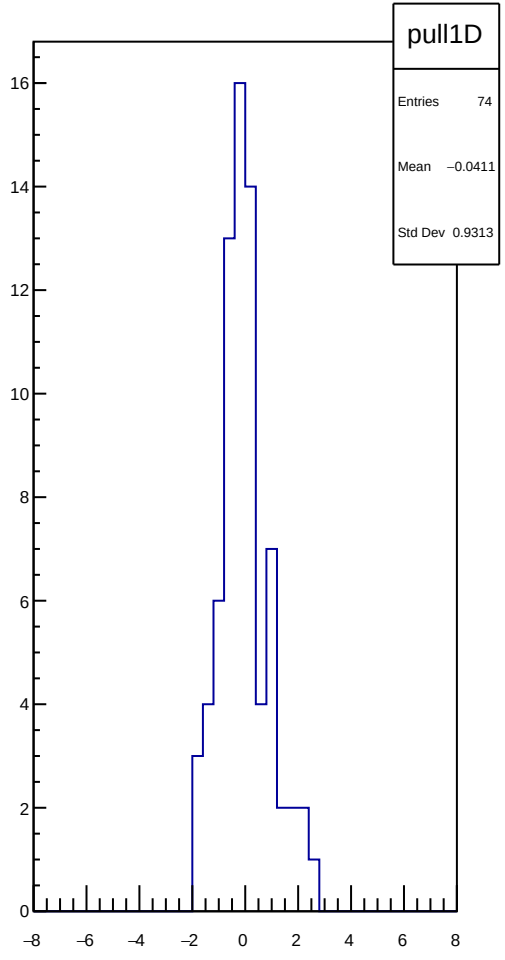

pull1D
Entries 74
Mean −0.1347
Std Dev 0.8943

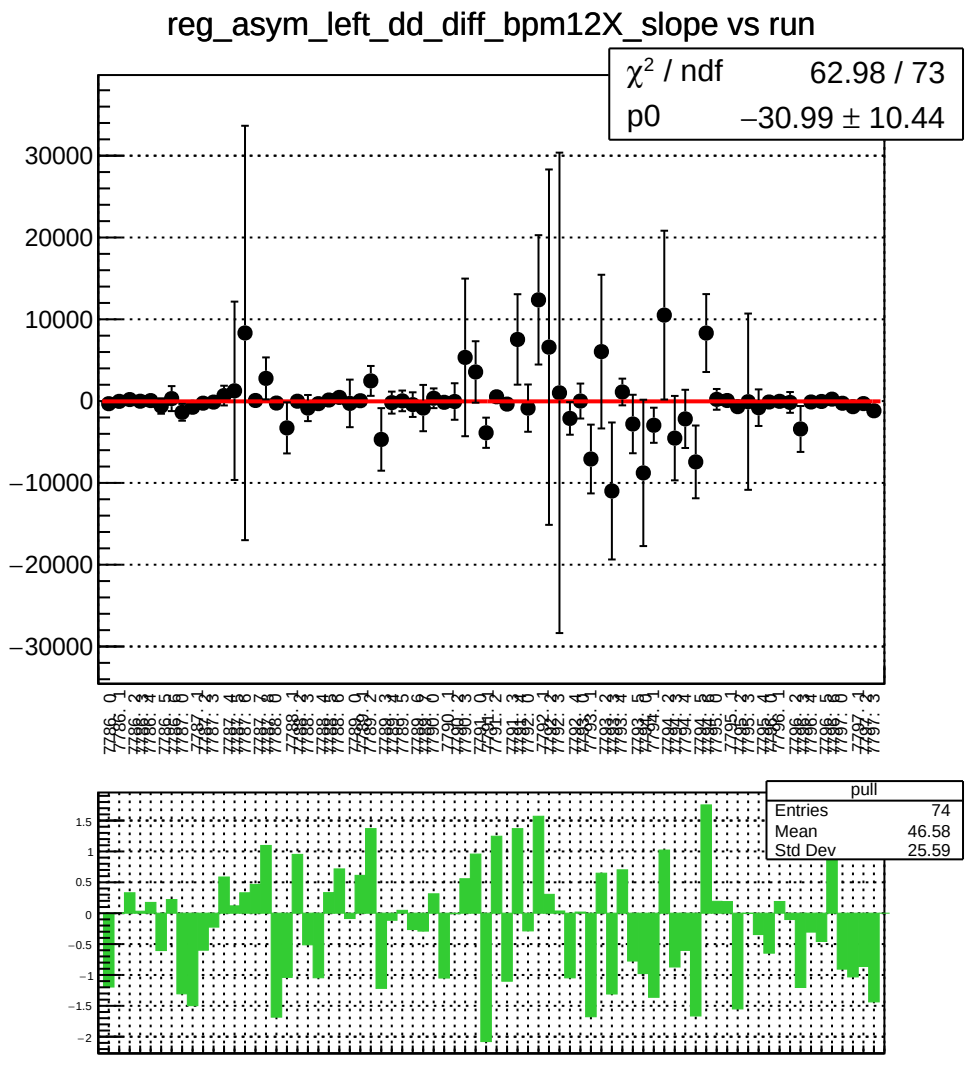

reg_asym_left_dd_diff_bpm4aY_slope vs run
×10^3
χ^2 / ndf 62.14 / 73
p0 54.9 ± 291.6
1000
500
0
−500
−1000
pull
Entries 74
Mean 52.74
Std Dev 29.18
2
1
0
−1
−2
pull1D
Entries 74
Mean 0.07558
Std Dev 0.9132
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

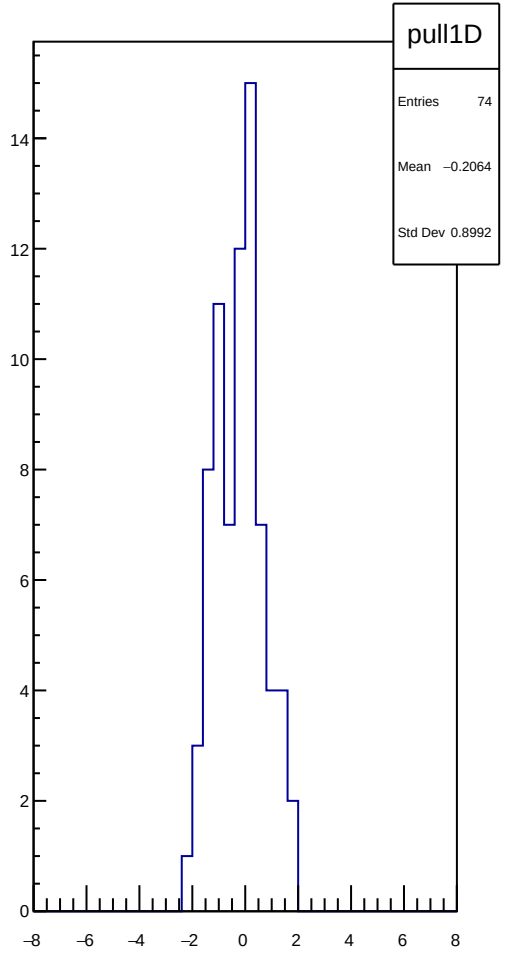

reg_asym_left_dd_diff_bpm4eX_slope vs run
×10^3
χ^2 / ndf 59.43 / 73
p0 121.4 ± 249.1
pull
Entries 74
Mean 49.25
Std Dev 23.11

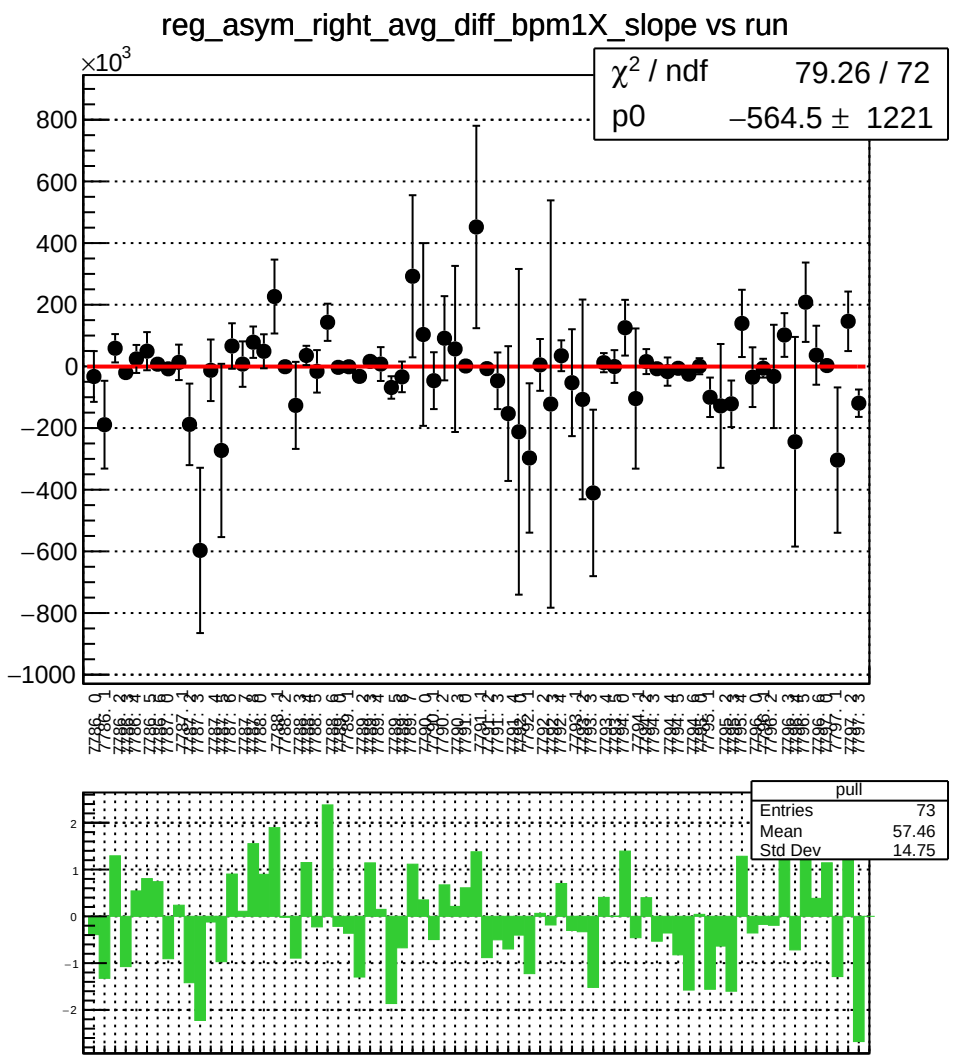

pull1D
Entries 74
Mean 0.1196
Std Dev 0.8881

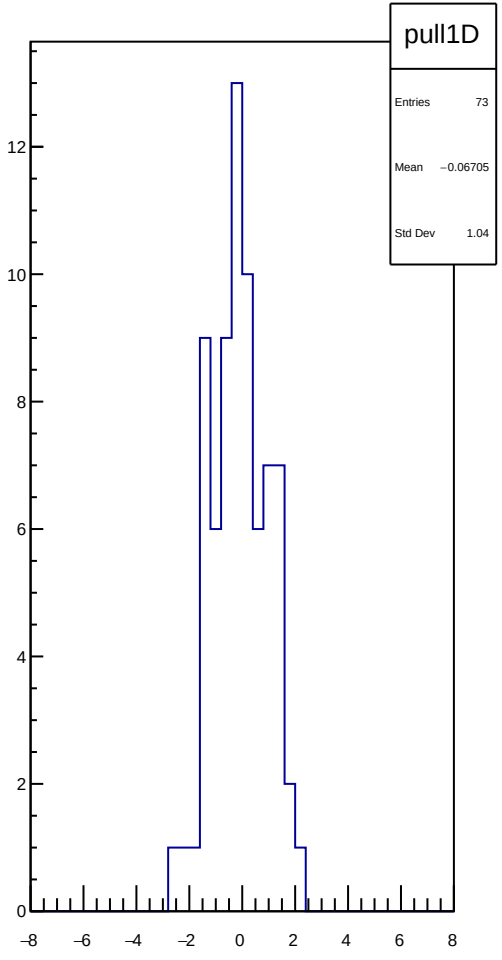

reg_asym_left_dd_diff_bpm4eY_slope vs run
χ² / ndf 64.3 / 73
p0 −86.51 ± 330.5
pull
Entries 74
Mean 59.32
Std Dev 34.26

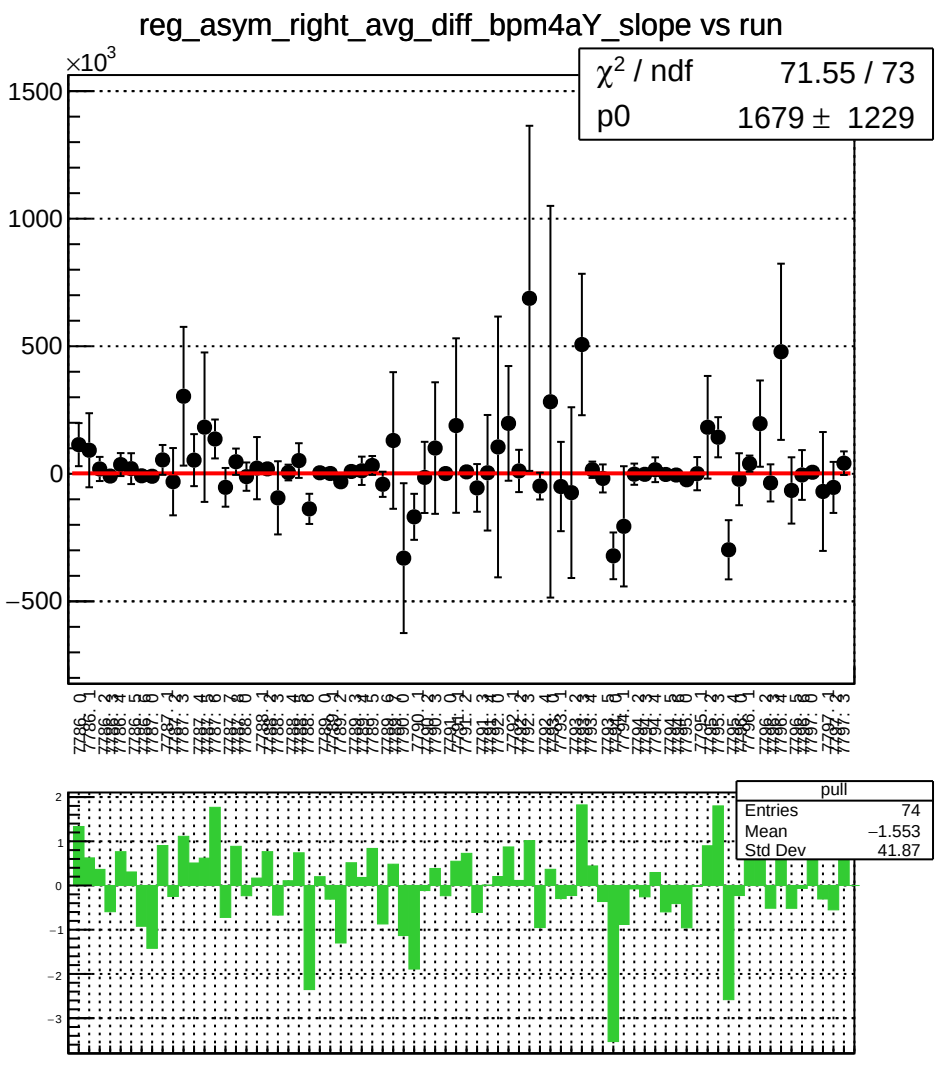

pull1D
Entries 74
Mean −0.0411
Std Dev 0.9313

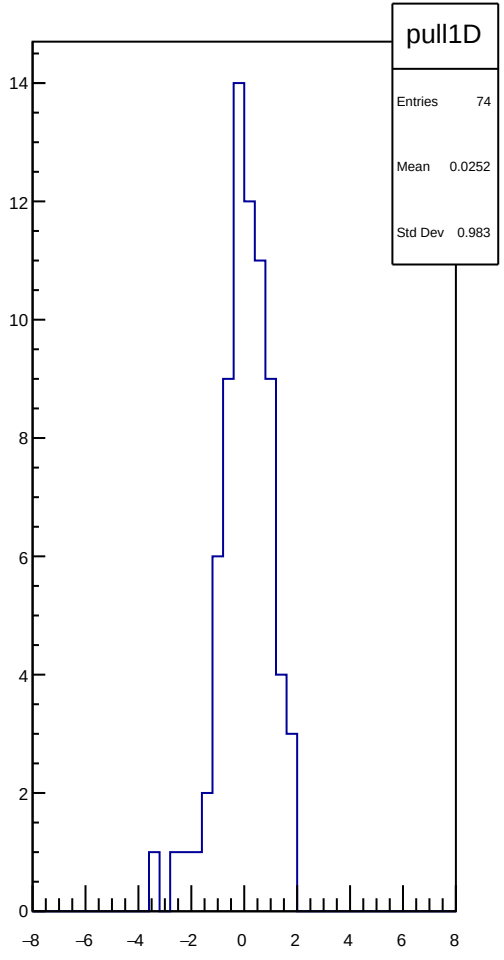

reg_asym_left_dd_diff_bpm12X_slope vs run
χ² / ndf 62.98 / 73
p0 −30.99 ± 10.44
30000
20000
10000
0
−10000
−20000
−30000
pull
Entries 74
Mean 46.58
Std Dev 25.59
1.5
1
0.5
0
−0.5
−1
−1.5
−2

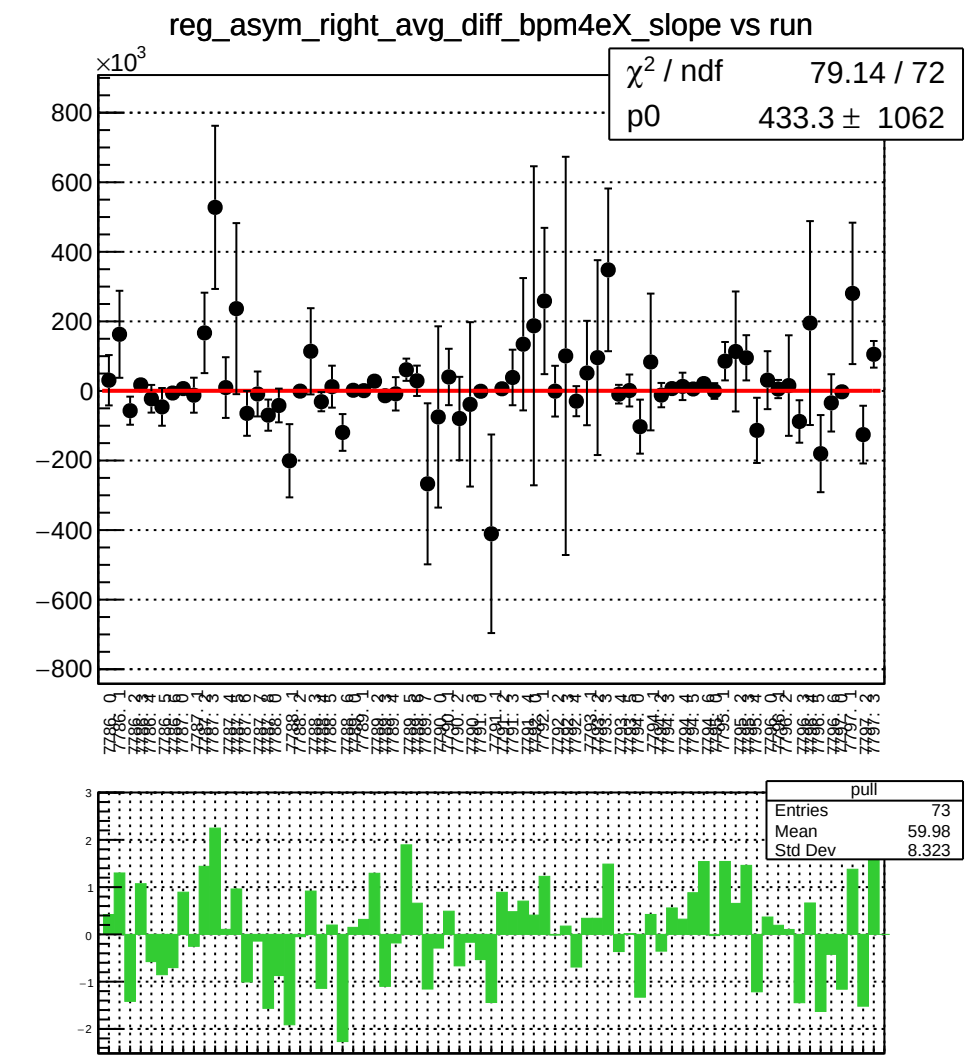

pull1D
Entries 74
Mean −0.2064
Std Dev 0.8992
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

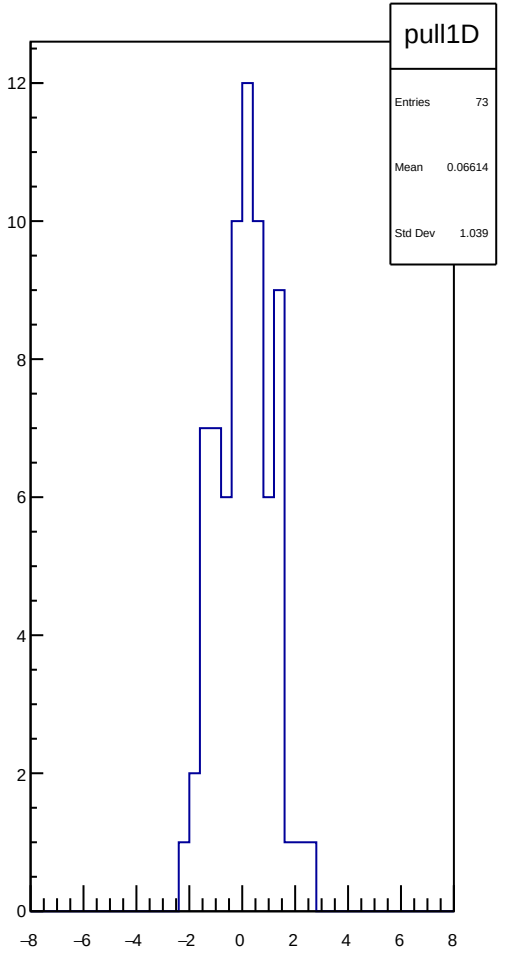

reg_asym_right_avg_diff_bpm1X_slope vs run
×10^3
χ² / ndf 79.26 / 72
p0 −564.5 ± 1221
800
600
400
200
0
−200
−400
−600
−800
−1000
pull
Entries 73
Mean 57.46
Std Dev 14.75
2
1
0
−1
−2

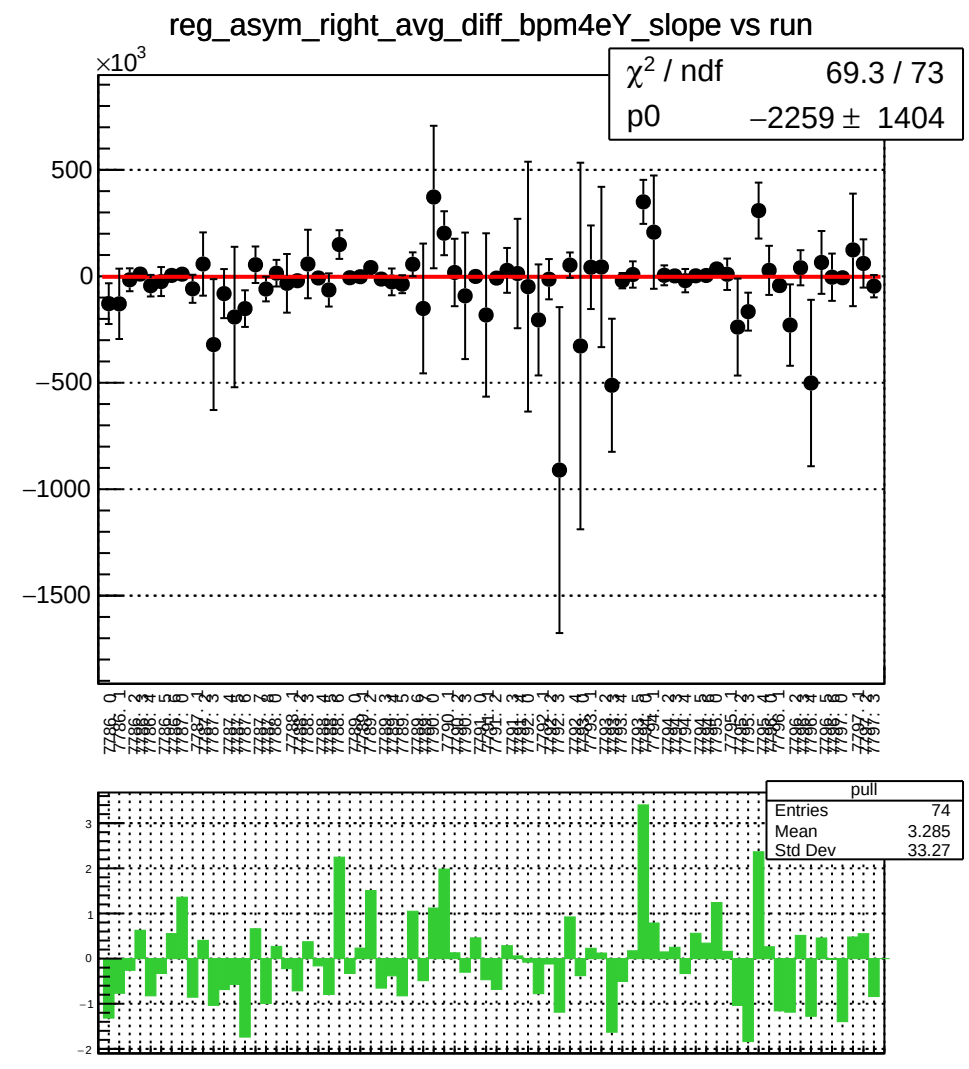

pull1D
Entries 73
Mean −0.06705
Std Dev 1.04
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

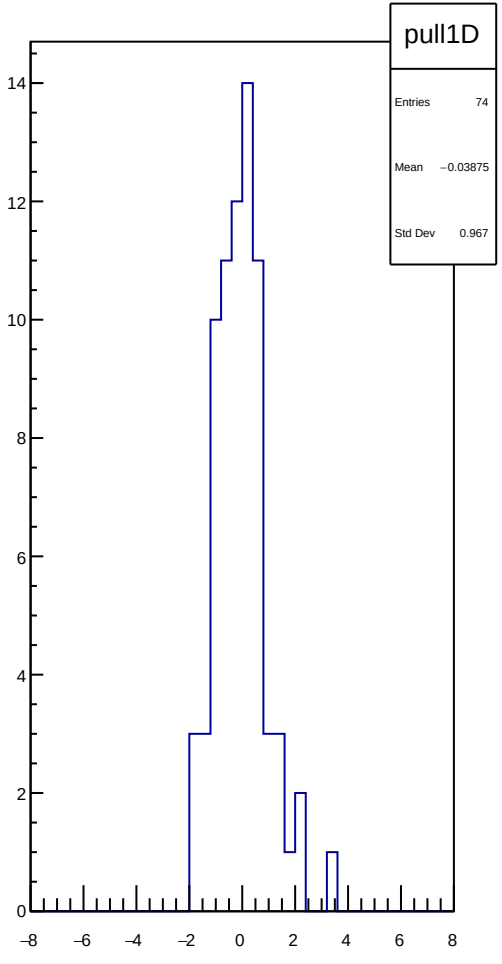

reg_asym_right_avg_diff_bpm4aY_slope vs run
×10^3
χ^2 / ndf 71.55 / 73
p0 1679 ± 1229
1500
1000
500
0
−500
pull
Entries 74
Mean −1.553
Std Dev 41.87
2
1
0
−1
−2
−3

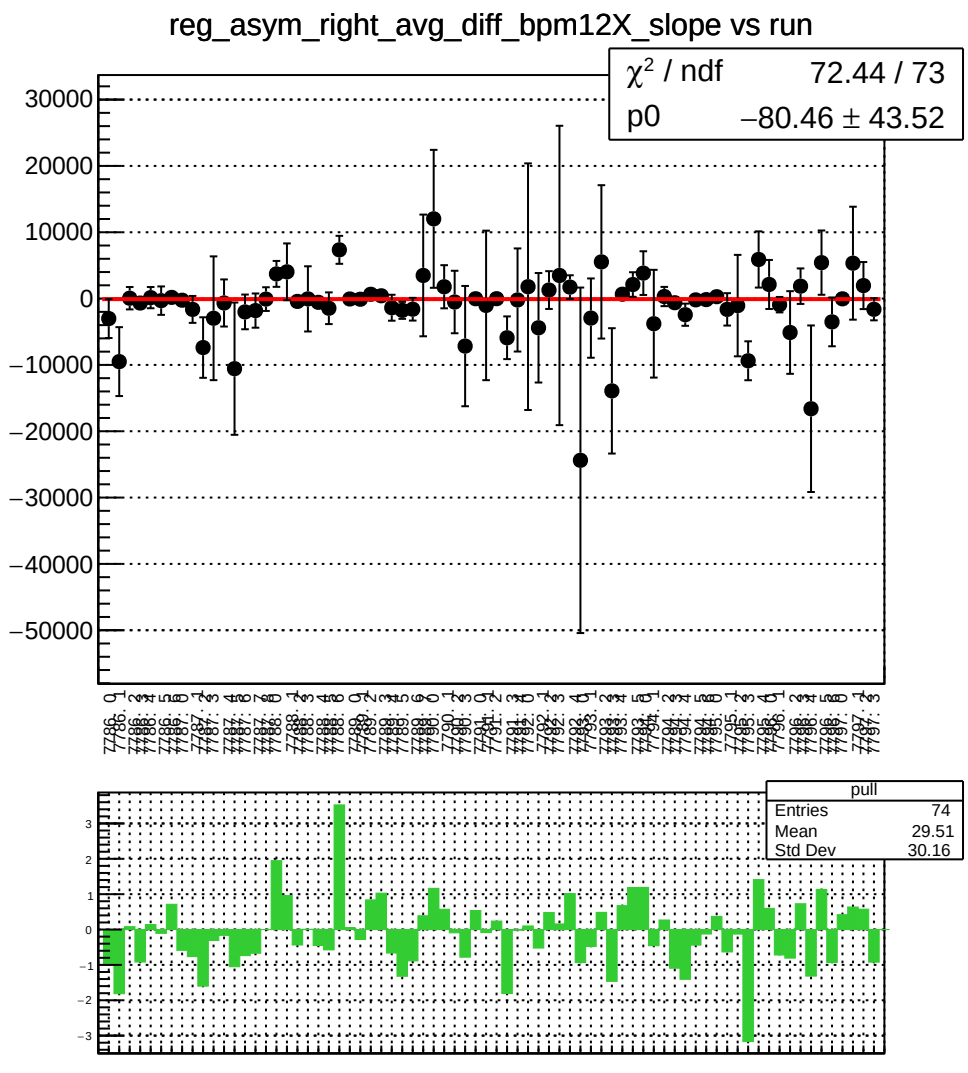

pull1D
Entries 74
Mean 0.0252
Std Dev 0.983
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

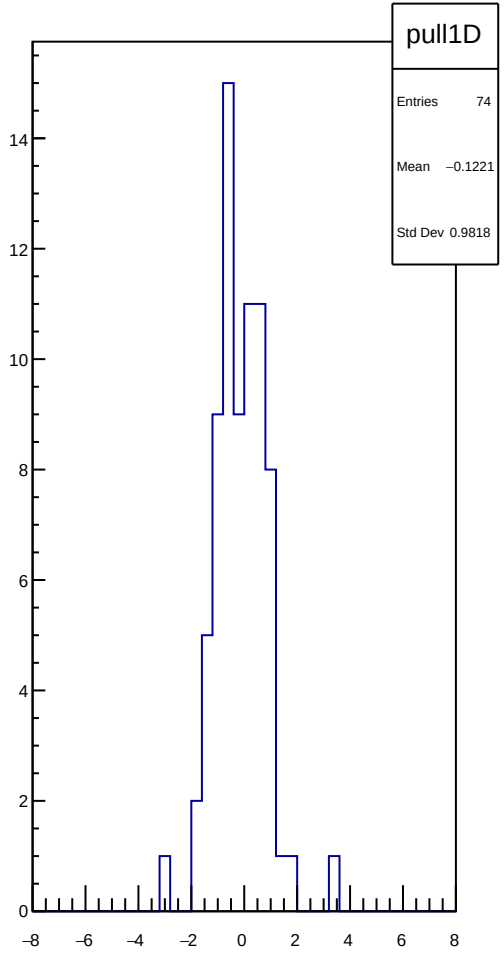

reg_asym_right_avg_diff_bpm4eX_slope vs run
×10^3
χ² / ndf 79.14 / 72
p0 433.3 ± 1062
pull
Entries 73
Mean 59.98
Std Dev 8.323

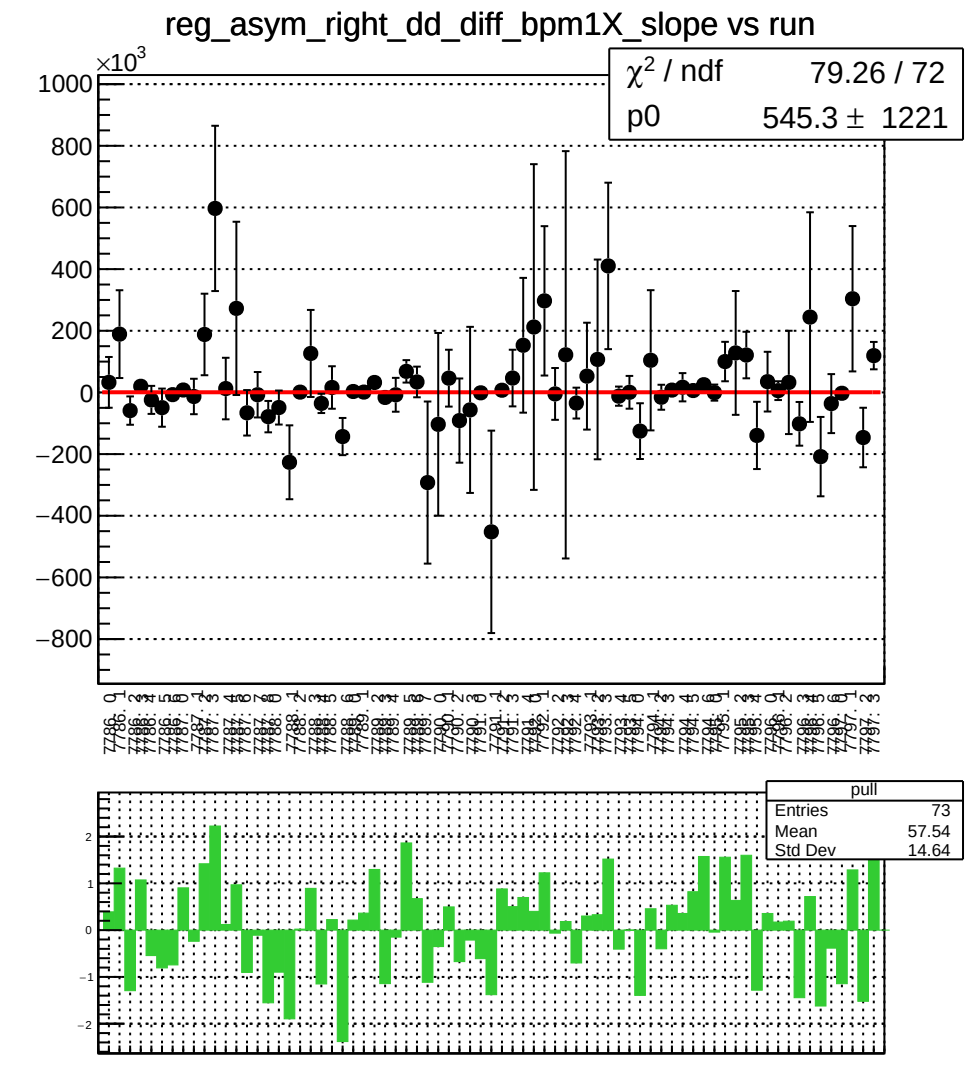

pull1D
Entries 73
Mean 0.06614
Std Dev 1.039

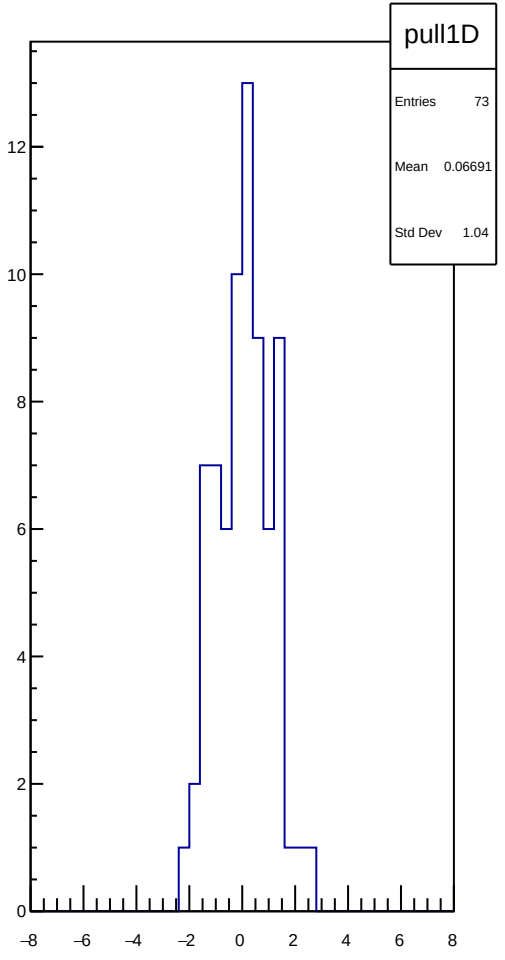

reg_asym_right_avg_diff_bpm4eY_slope vs run
×10^3
χ^2 / ndf 69.3 / 73
p0 −2259 ± 1404
500
0
−500
−1000
−1500
pull
Entries 74
Mean 3.285
Std Dev 33.27

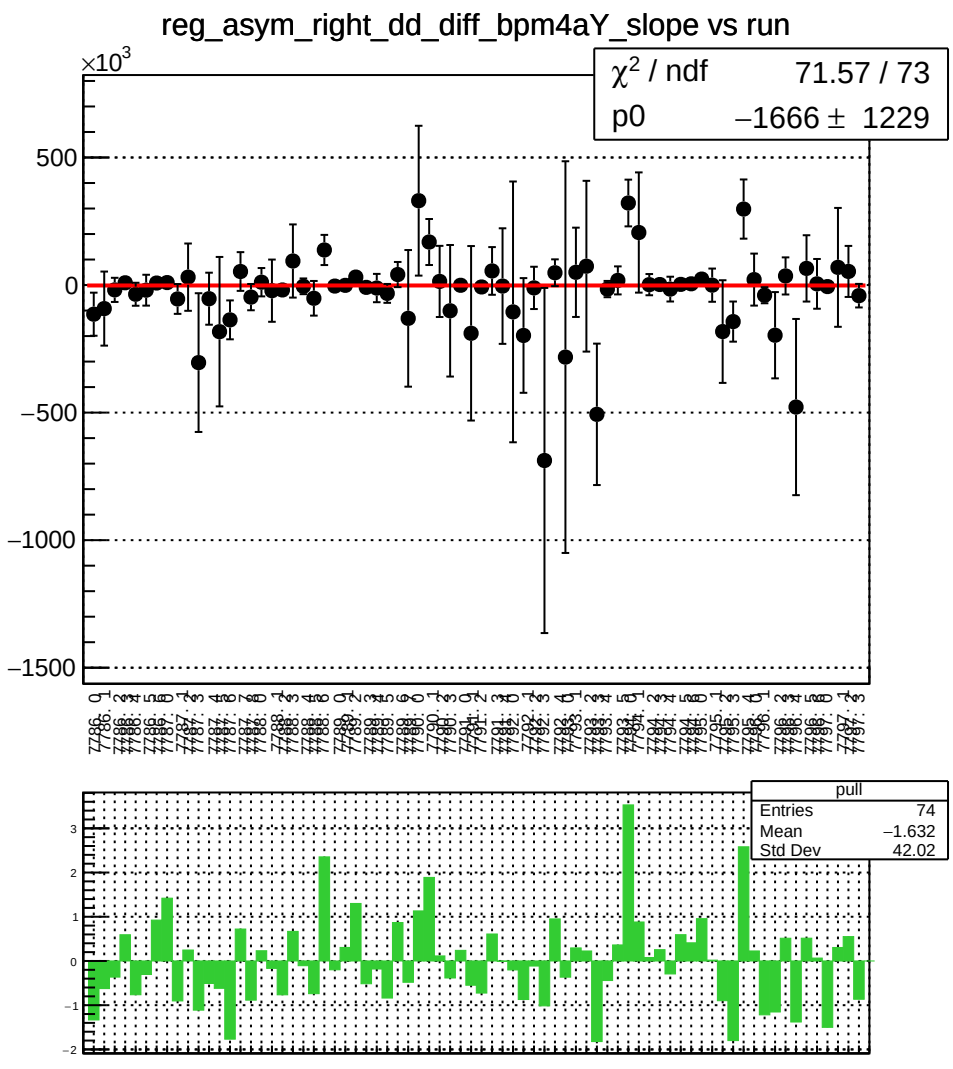

pull1D
Entries 74
Mean −0.03875
Std Dev 0.967

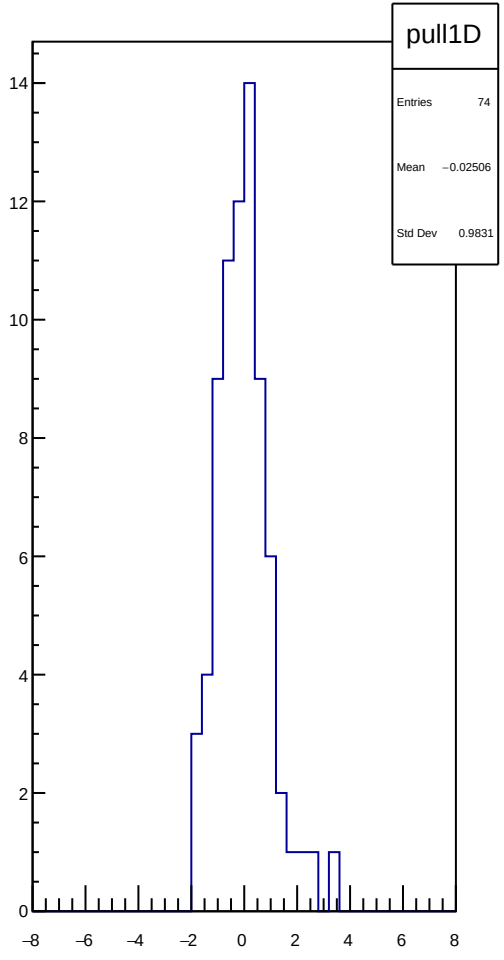

reg_asym_right_avg_diff_bpm12X_slope vs run
χ² / ndf 72.44 / 73
p0 −80.46 ± 43.52
pull
Entries 74
Mean 29.51
Std Dev 30.16

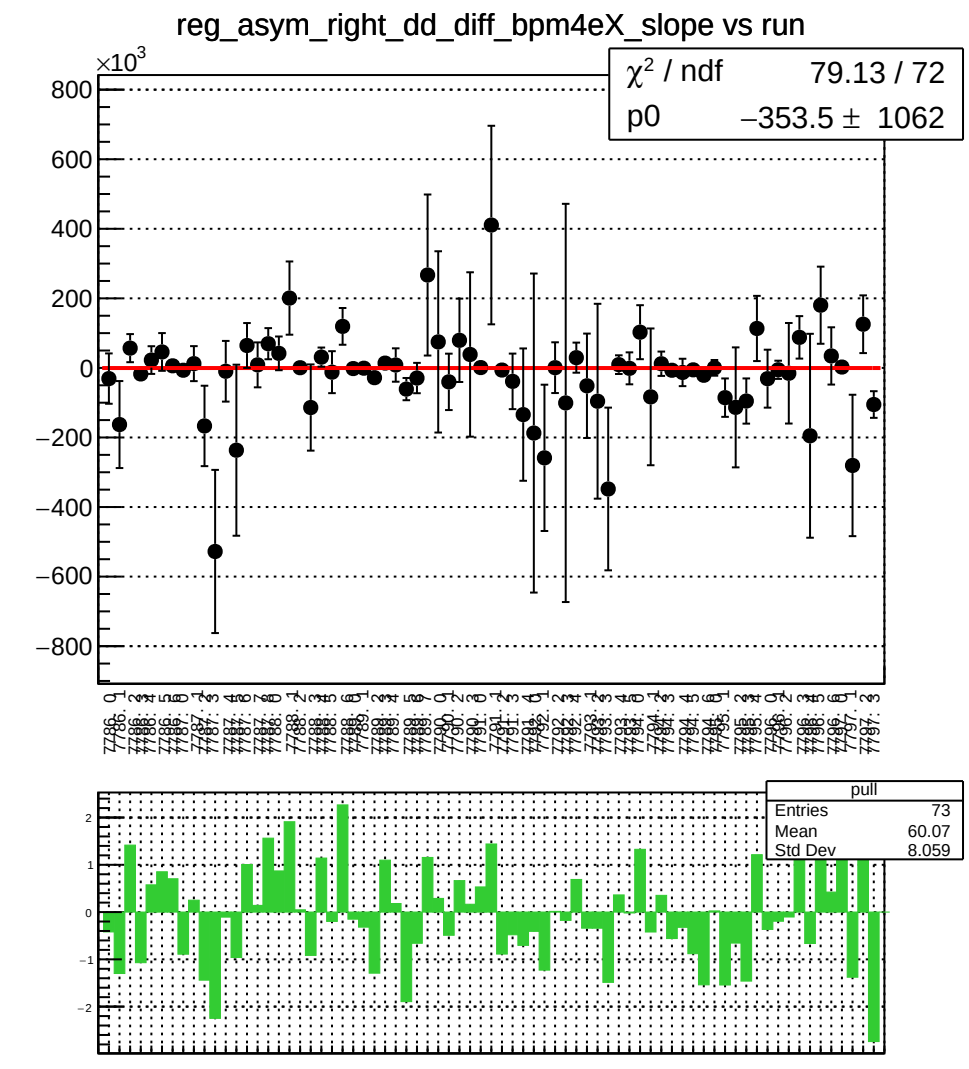

pull1D
Entries 74
Mean −0.1221
Std Dev 0.9818

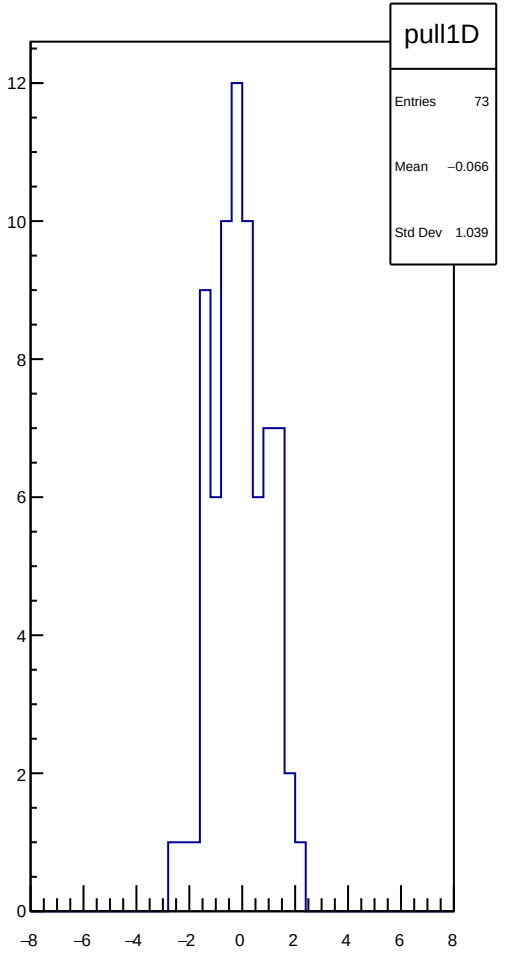

reg_asym_right_dd_diff_bpm1X_slope vs run
×10^3
χ² / ndf 79.26 / 72
p0 545.3 ± 1221
pull
Entries 73
Mean 57.54
Std Dev 14.64

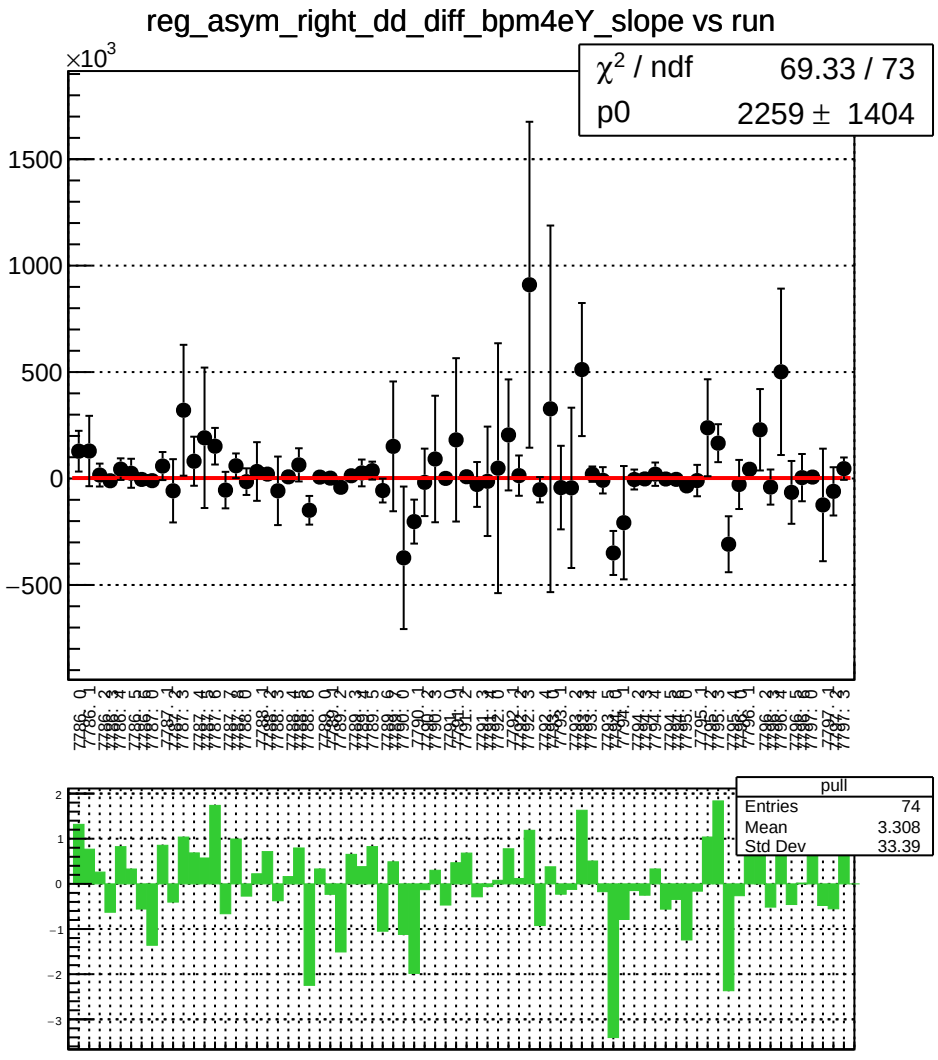

pull1D
Entries 73
Mean 0.06691
Std Dev 1.04

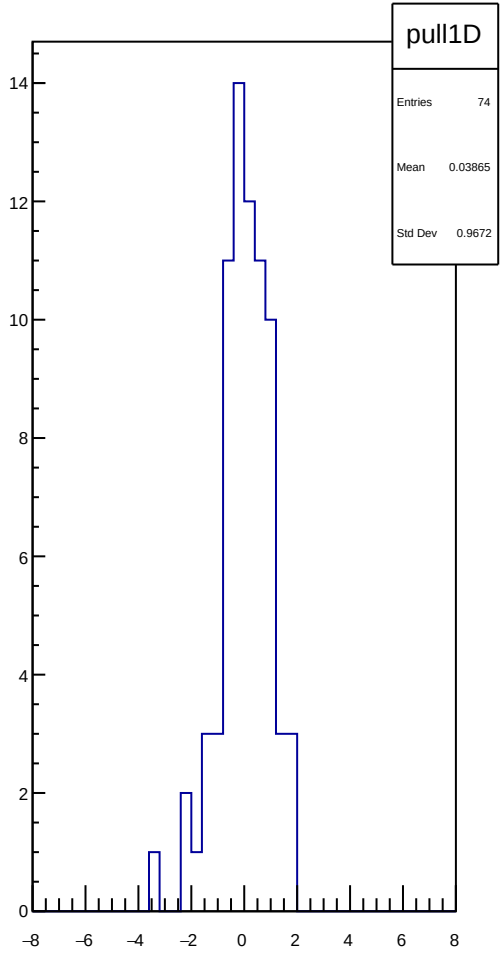

reg_asym_right_dd_diff_bpm4aY_slope vs run
×10^3
χ^2 / ndf 71.57 / 73
p0 −1666 ± 1229
500
0
−500
−1000
−1500
pull
Entries 74
Mean −1.632
Std Dev 42.02
3
2
1
0
−1
−2

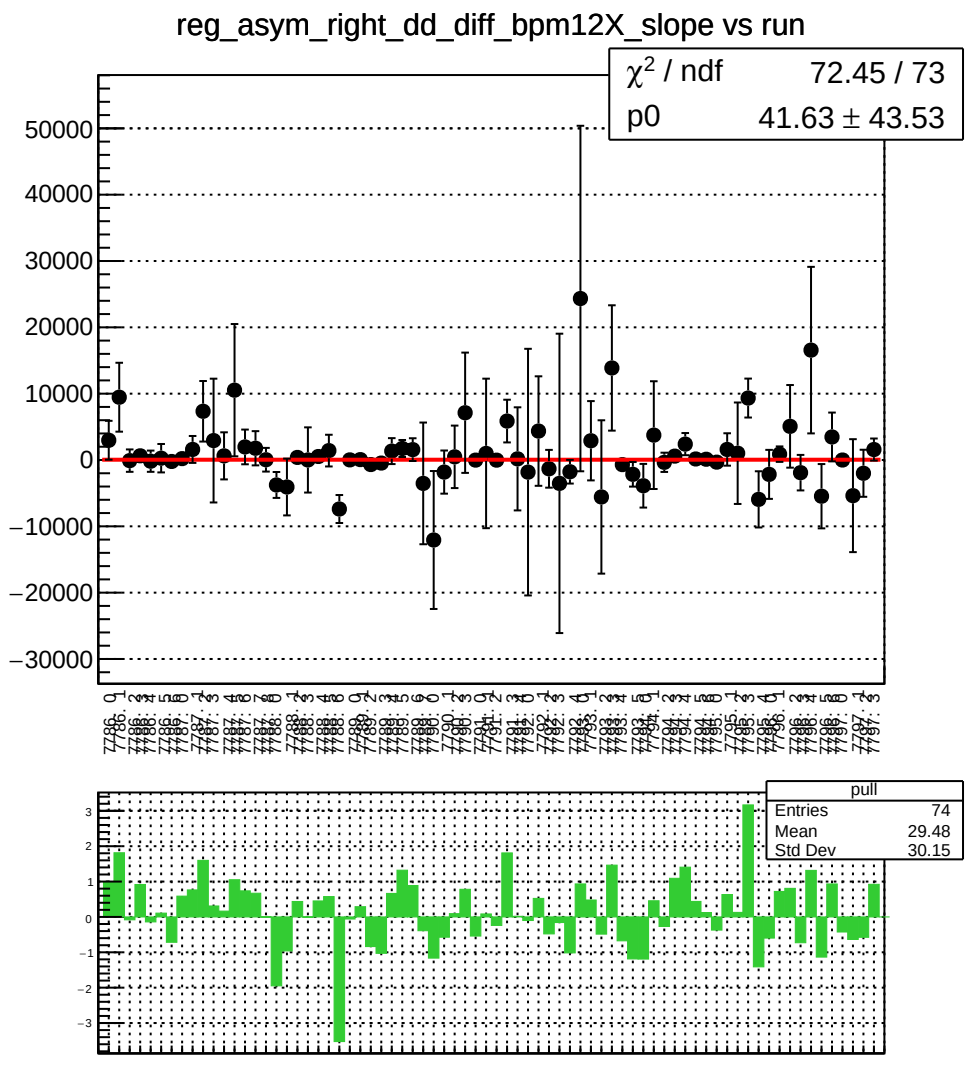

pull1D
Entries 74
Mean −0.02506
Std Dev 0.9831
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

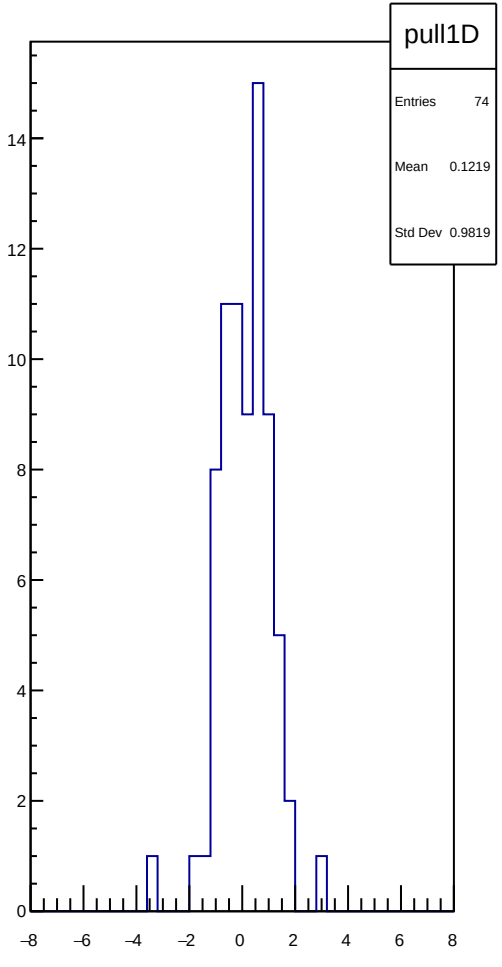

reg_asym_right_dd_diff_bpm4eX_slope vs run
χ² / ndf 79.13 / 72
p0 −353.5 ± 1062
×10³
800
600
400
200
0
−200
−400
−600
−800
pull
Entries 73
Mean 60.07
Std Dev 8.059
2
1
0
−1
−2

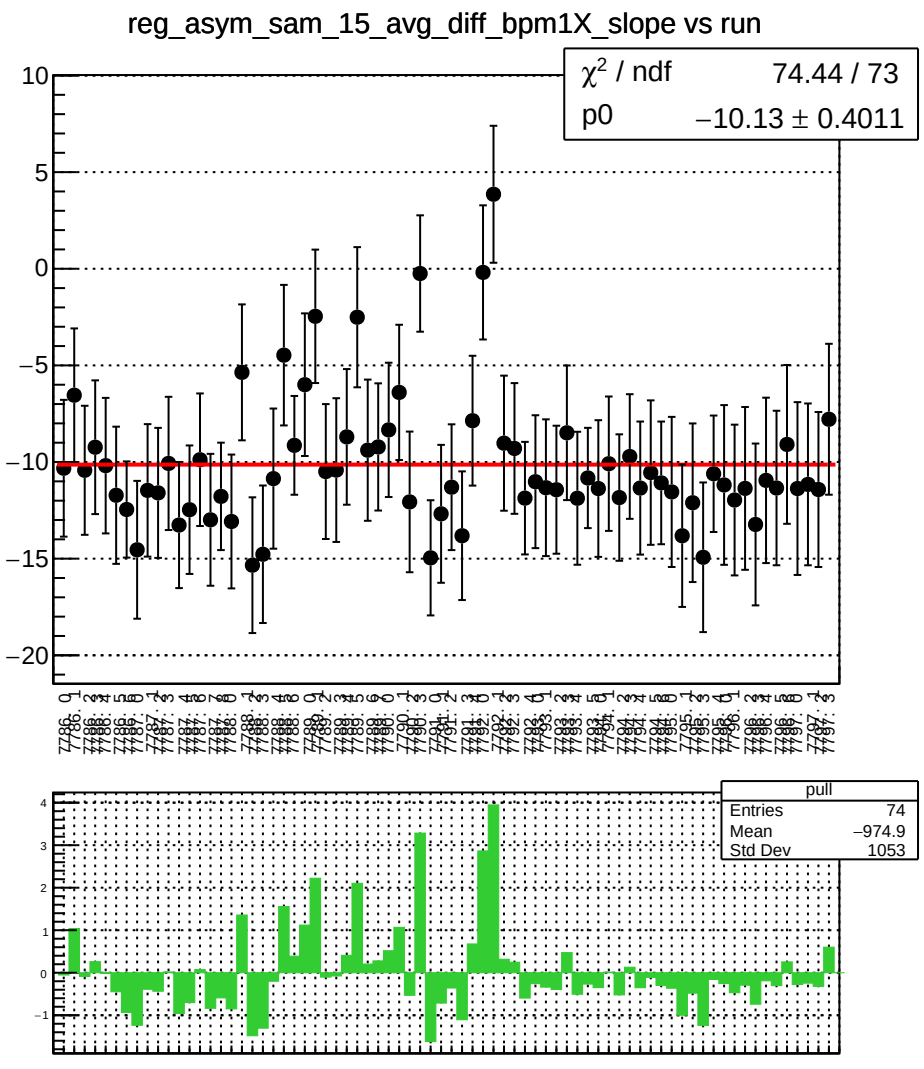

pull1D
Entries 73
Mean −0.066
Std Dev 1.039
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

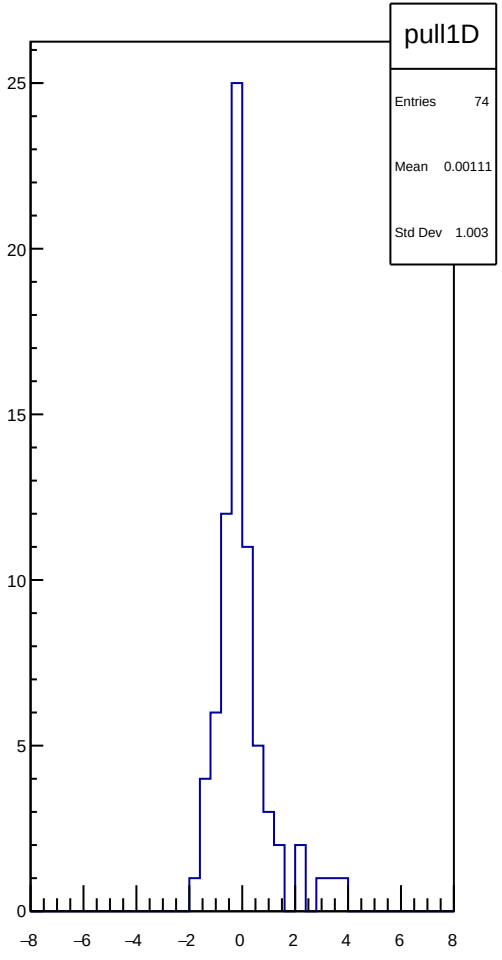

reg_asym_right_dd_diff_bpm4eY_slope vs run
χ² / ndf 69.33 / 73
p0 2259 ± 1404
×10³
1500
1000
500
0
−500
pull
Entries 74
Mean 3.308
Std Dev 33.39
2
1
0
−1
−2
−3

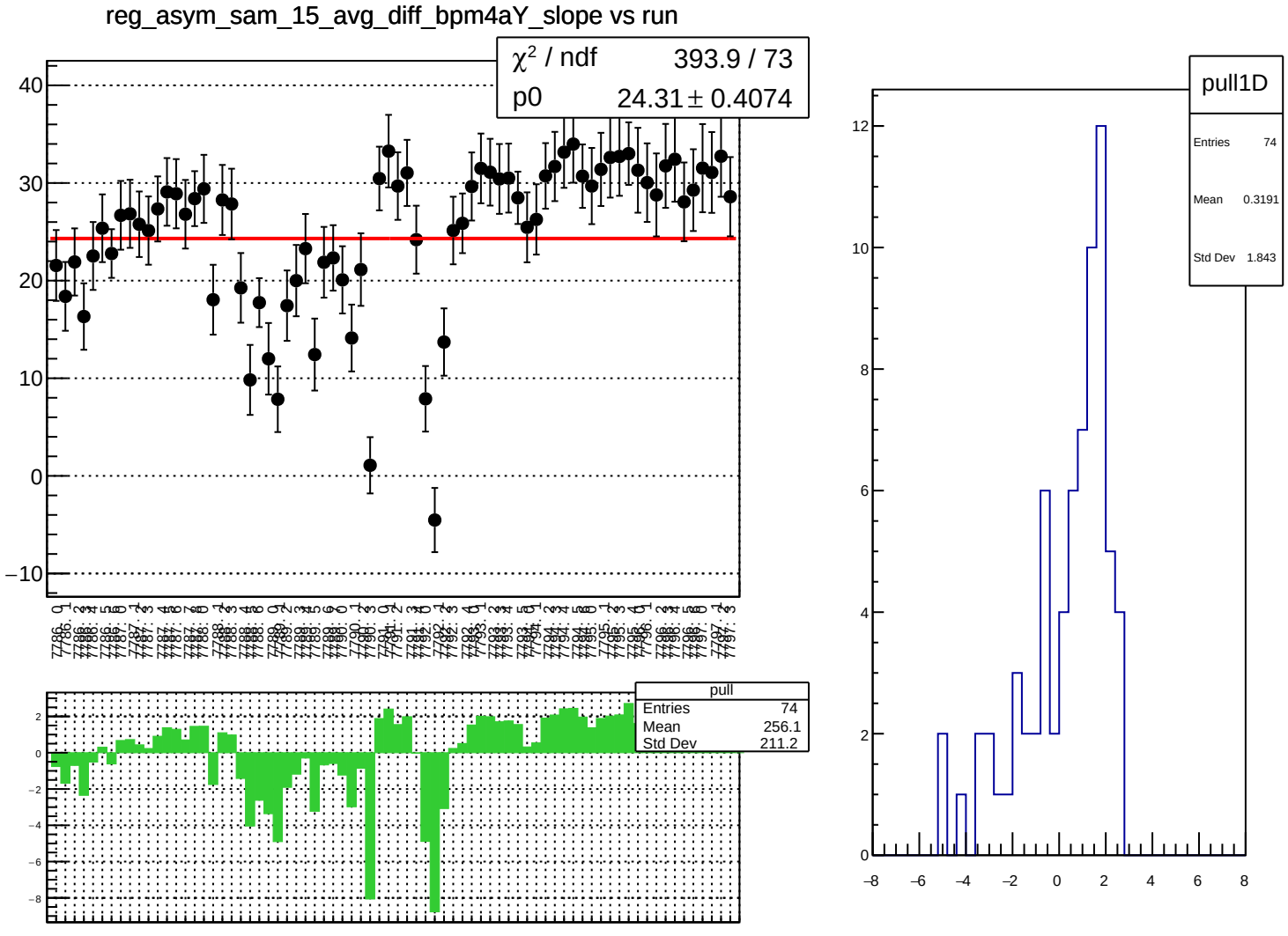

pull1D
Entries 74
Mean 0.03865
Std Dev 0.9672
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

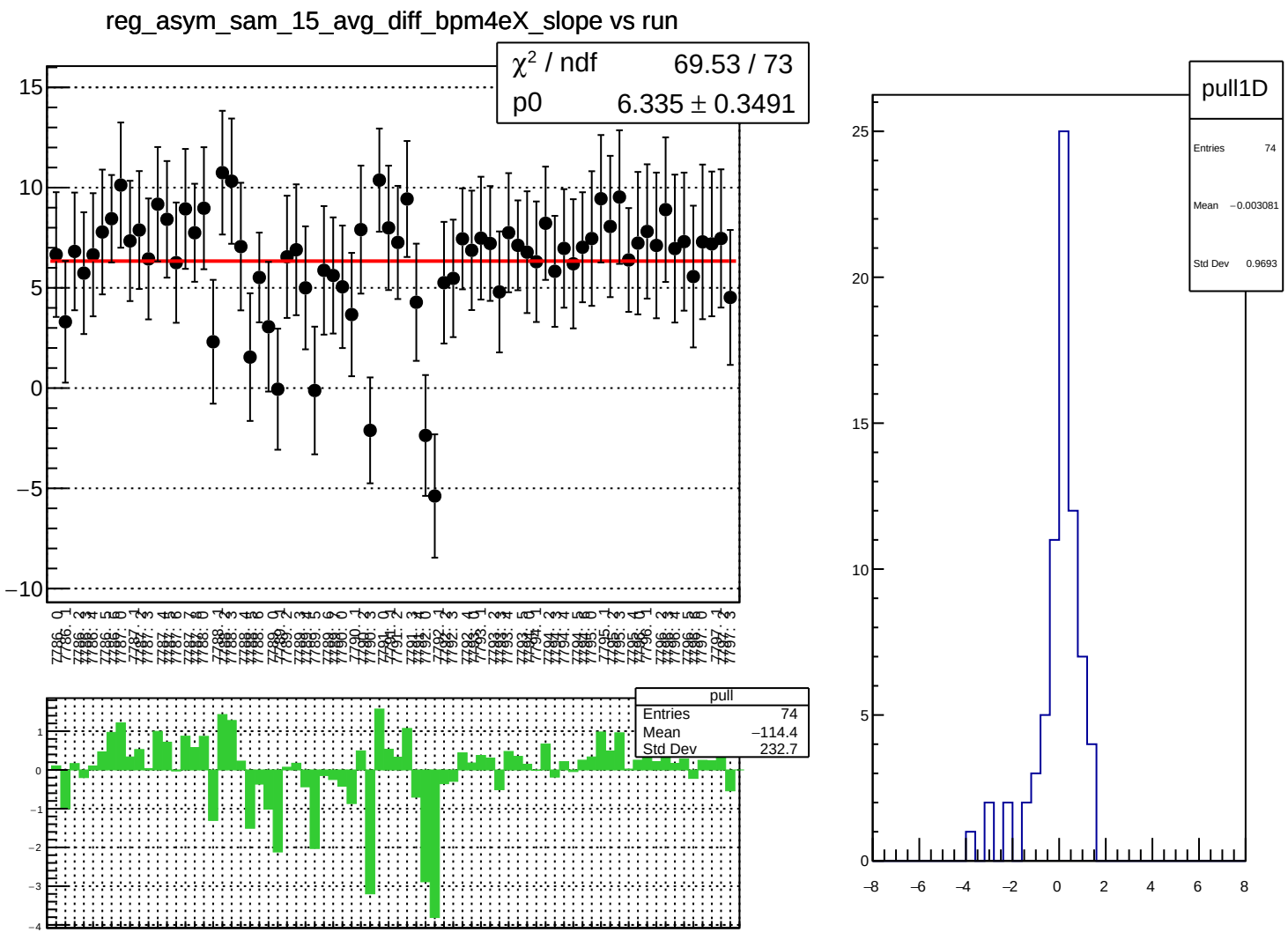

reg_asym_right_dd_diff_bpm12X_slope vs run
χ² / ndf 72.45 / 73
p0 41.63 ± 43.53
pull
Entries 74
Mean 29.48
Std Dev 30.15

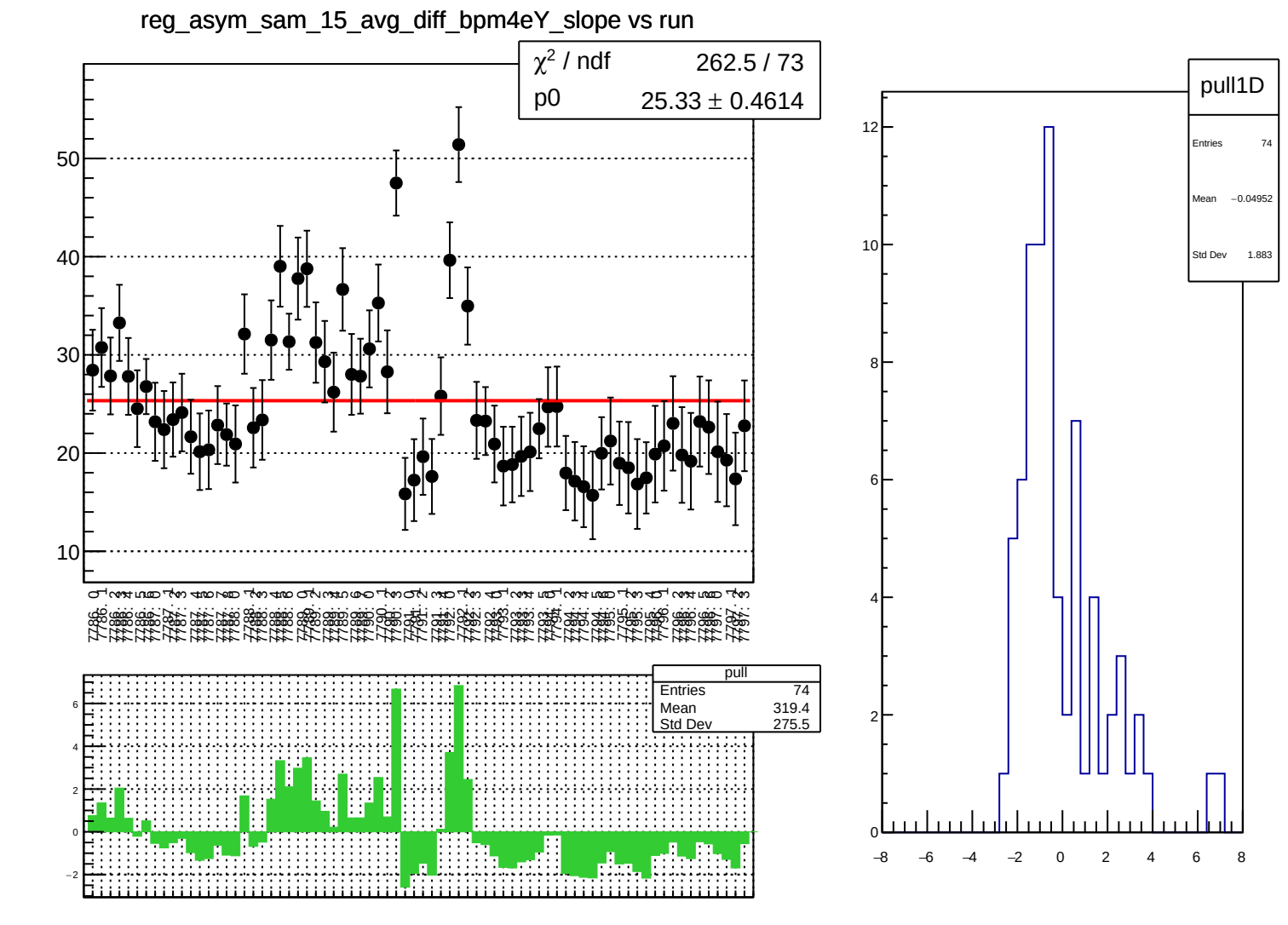

pull1D
Entries 74
Mean 0.1219
Std Dev 0.9819

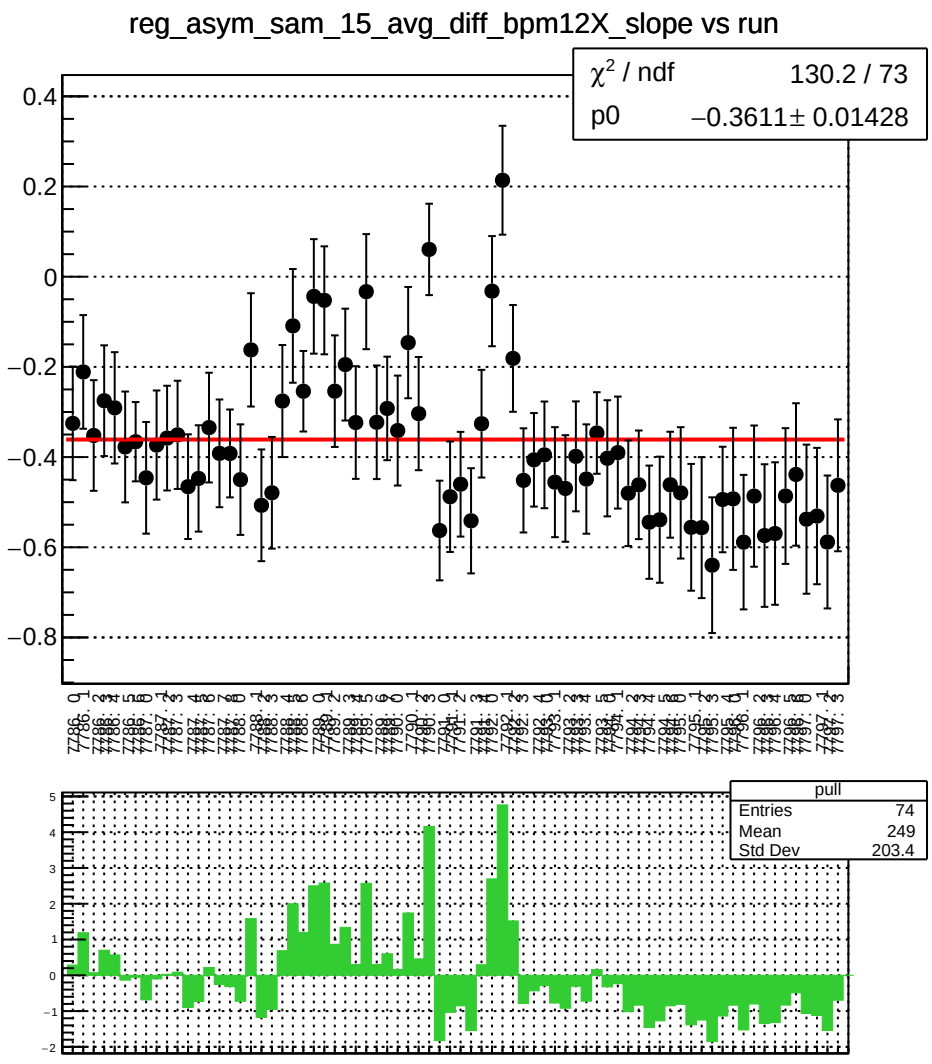

reg_asym_sam_15_avg_diff_bpm1X_slope vs run
χ² / ndf 74.44 / 73
p0 −10.13 ± 0.4011
pull
Entries 74
Mean −974.9
Std Dev 1053

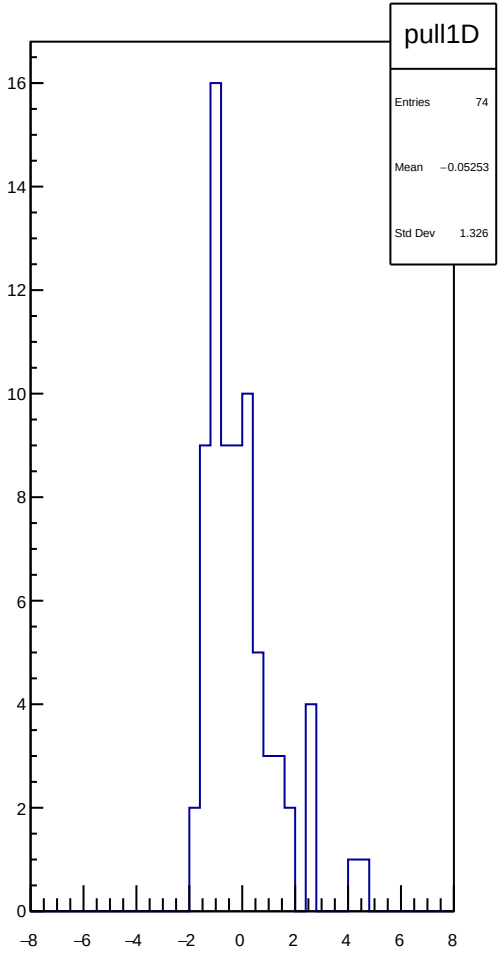

pull1D
Entries 74
Mean 0.00111
Std Dev 1.003

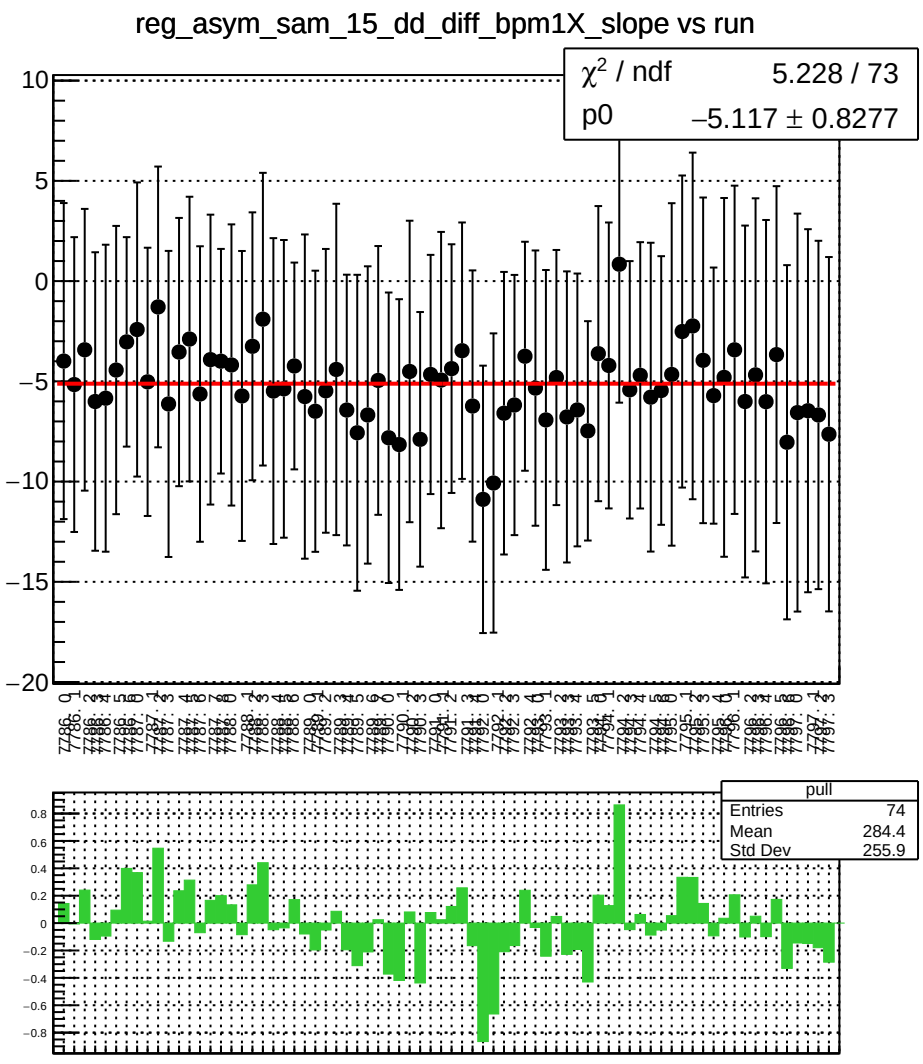

reg_asym_sam_15_avg_diff_bpm4aY_slope vs run
χ² / ndf 393.9 / 73
p0 24.31 ± 0.4074
pull
Entries 74
Mean 256.1
Std Dev 211.2
pull1D
Entries 74
Mean 0.3191
Std Dev 1.843

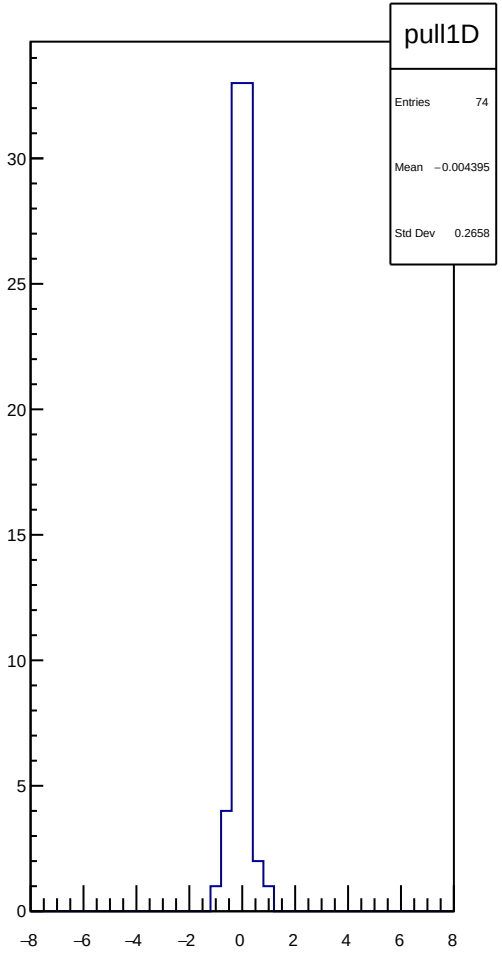

reg_asym_sam_15_avg_diff_bpm4eX_slope vs run
χ² / ndf 69.53 / 73
p0 6.335 ± 0.3491
pull
Entries 74
Mean −114.4
Std Dev 232.7
pull1D
Entries 74
Mean −0.003081
Std Dev 0.9693

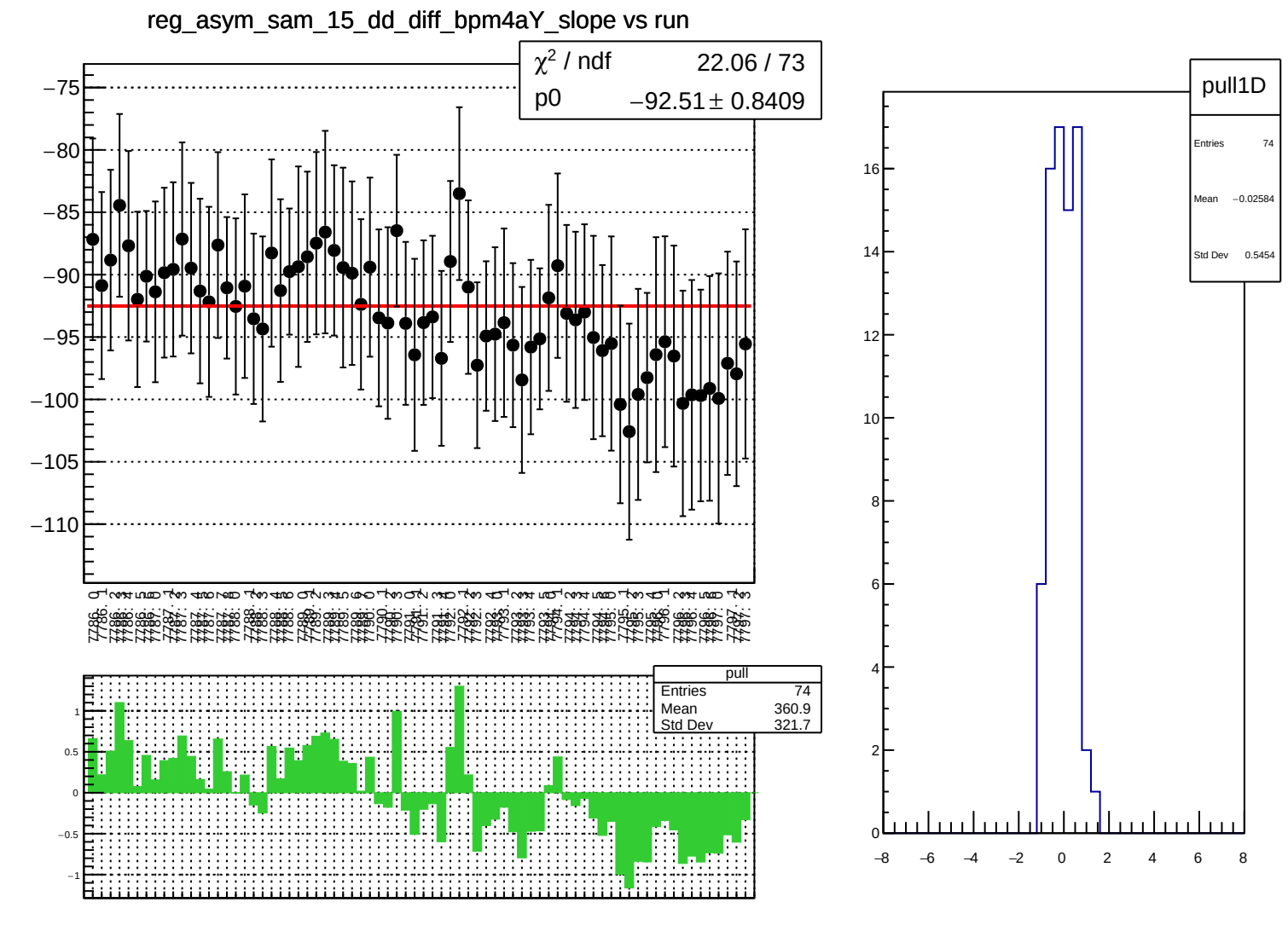

reg_asym_sam_15_avg_diff_bpm4eY_slope vs run
χ² / ndf 262.5 / 73
p0 25.33 ± 0.4614
pull
Entries 74
Mean 319.4
Std Dev 275.5
pull1D
Entries 74
Mean −0.04952
Std Dev 1.883

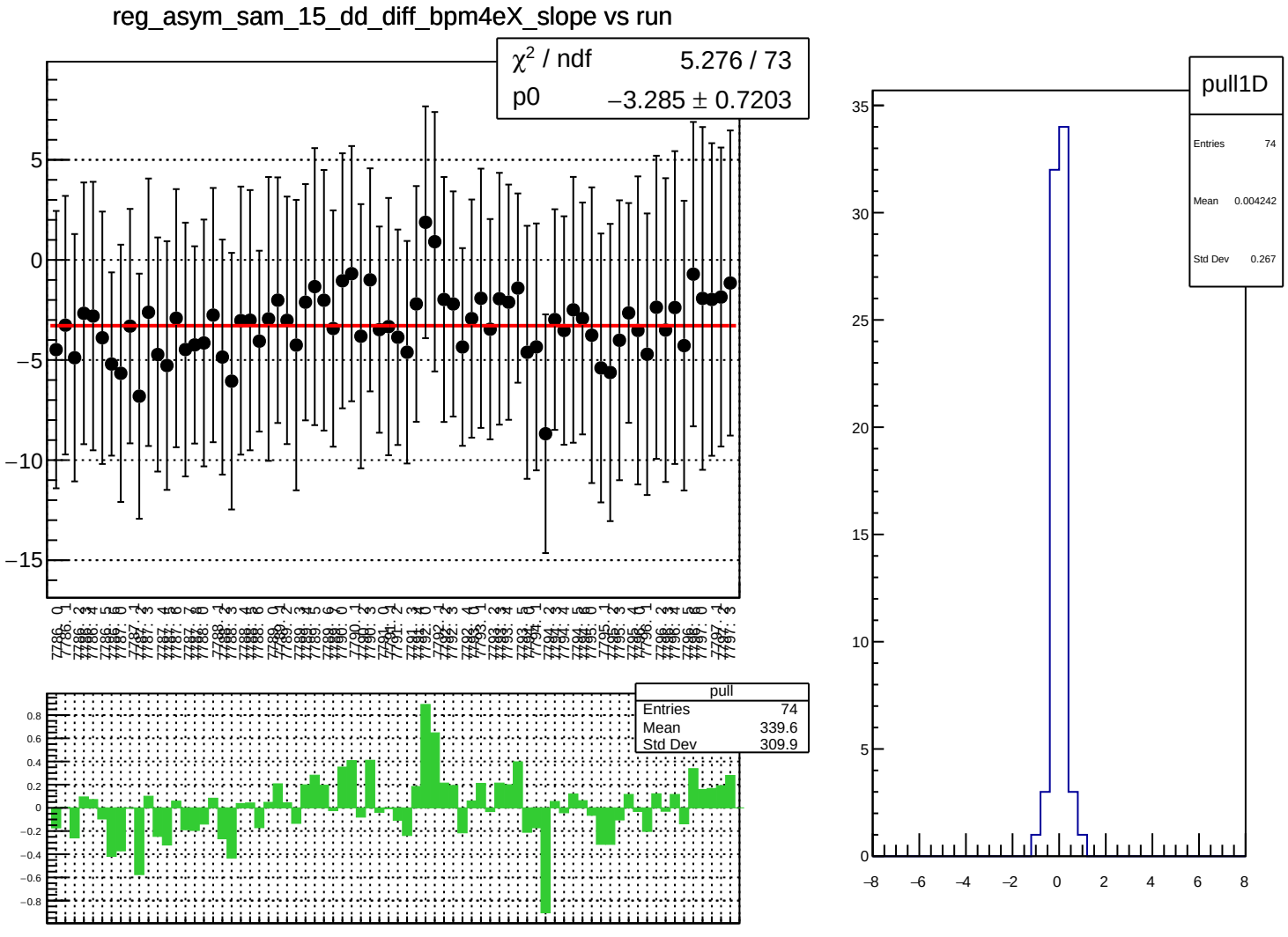

reg_asym_sam_15_avg_diff_bpm12X_slope vs run
χ² / ndf 130.2 / 73
p0 −0.3611± 0.01428
pull
Entries 74
Mean 249
Std Dev 203.4

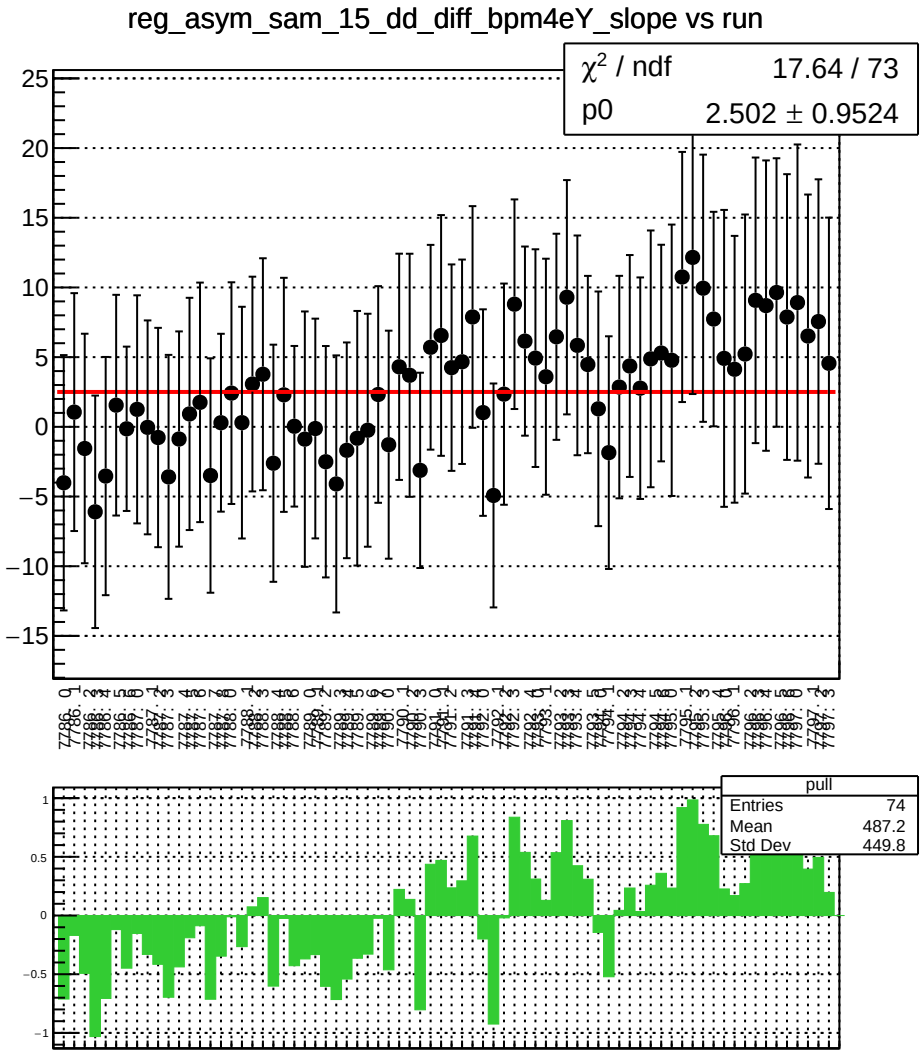

pull1D
Entries 74
Mean −0.05253
Std Dev 1.326

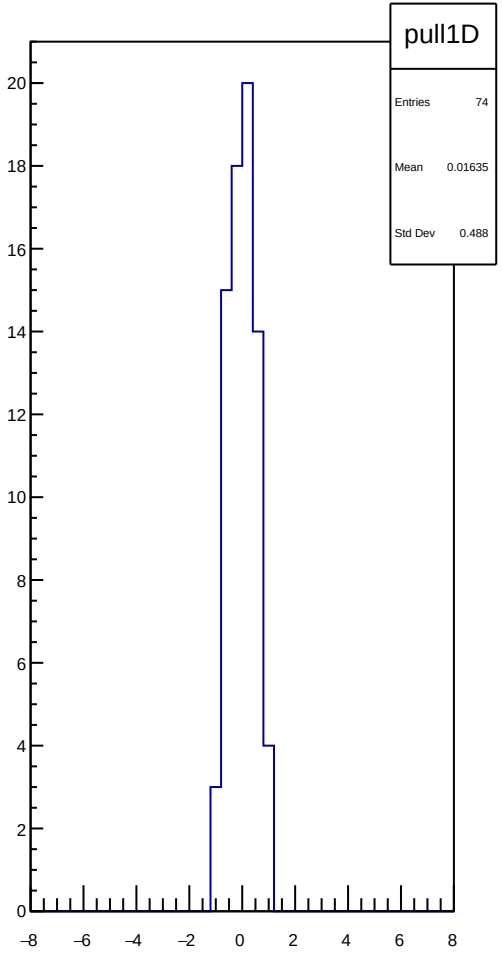

reg_asym_sam_15_dd_diff_bpm1X_slope vs run
χ² / ndf 5.228 / 73
p0 −5.117 ± 0.8277
pull
Entries 74
Mean 284.4
Std Dev 255.9

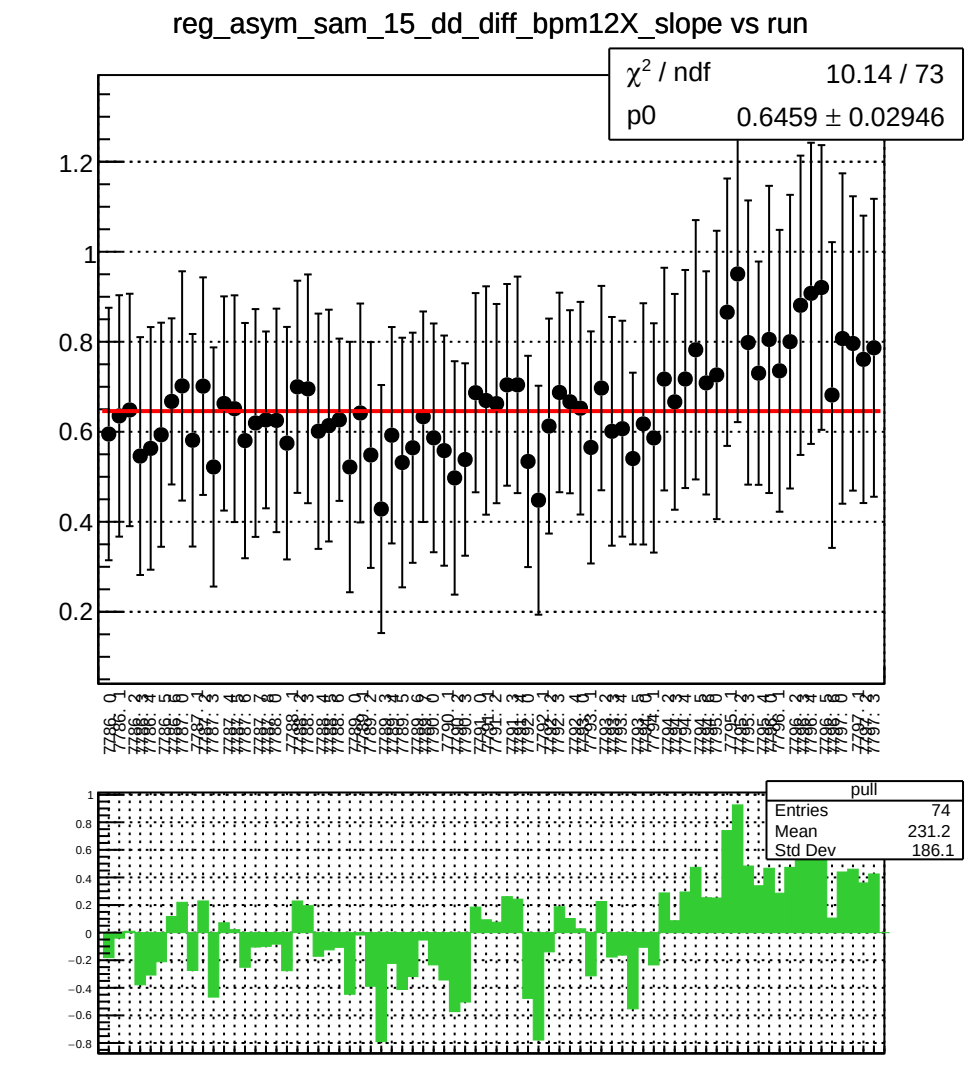

pull1D
Entries 74
Mean −0.004395
Std Dev 0.2658

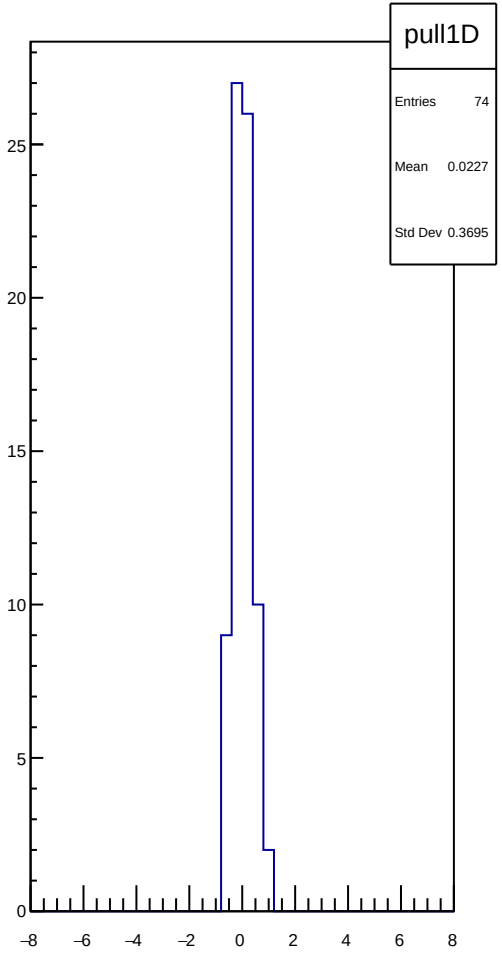

reg_asym_sam_15_dd_diff_bpm4aY_slope vs run
χ² / ndf 22.06 / 73
p0 −92.51 ± 0.8409
pull
Entries 74
Mean 360.9
Std Dev 321.7
pull1D
Entries 74
Mean −0.02584
Std Dev 0.5454

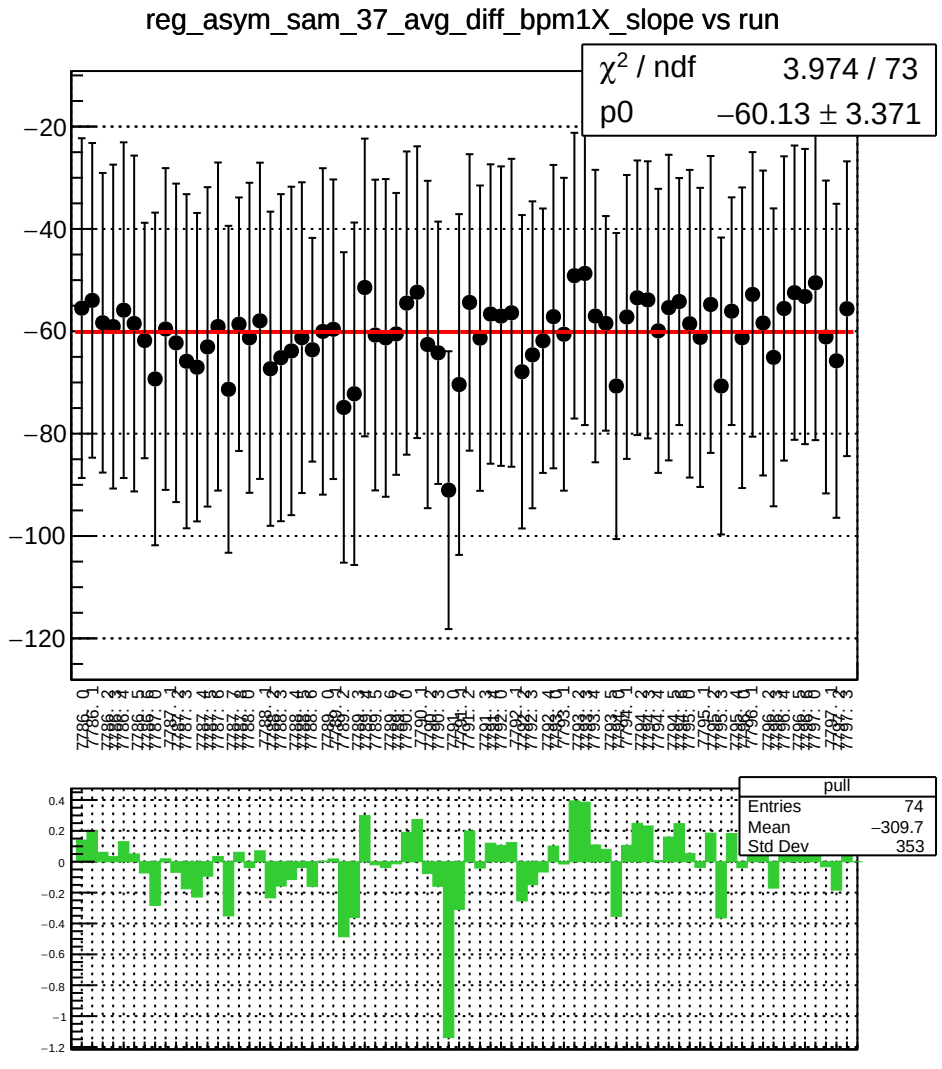

reg_asym_sam_15_dd_diff_bpm4eX_slope vs run
χ² / ndf 5.276 / 73
p0 −3.285 ± 0.7203
pull
Entries 74
Mean 339.6
Std Dev 309.9
pull1D
Entries 74
Mean 0.004242
Std Dev 0.267

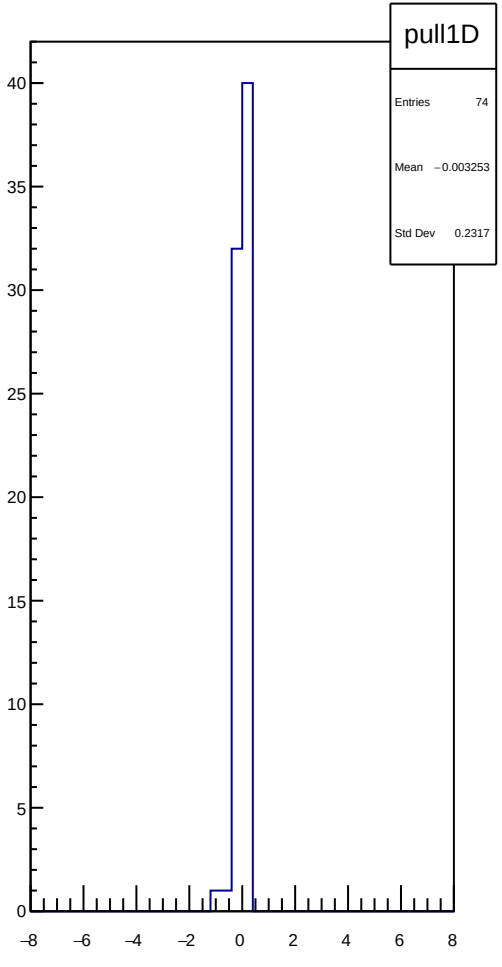

reg_asym_sam_15_dd_diff_bpm4eY_slope vs run
χ² / ndf 17.64 / 73
p0 2.502 ± 0.9524
pull
Entries 74
Mean 487.2
Std Dev 449.8

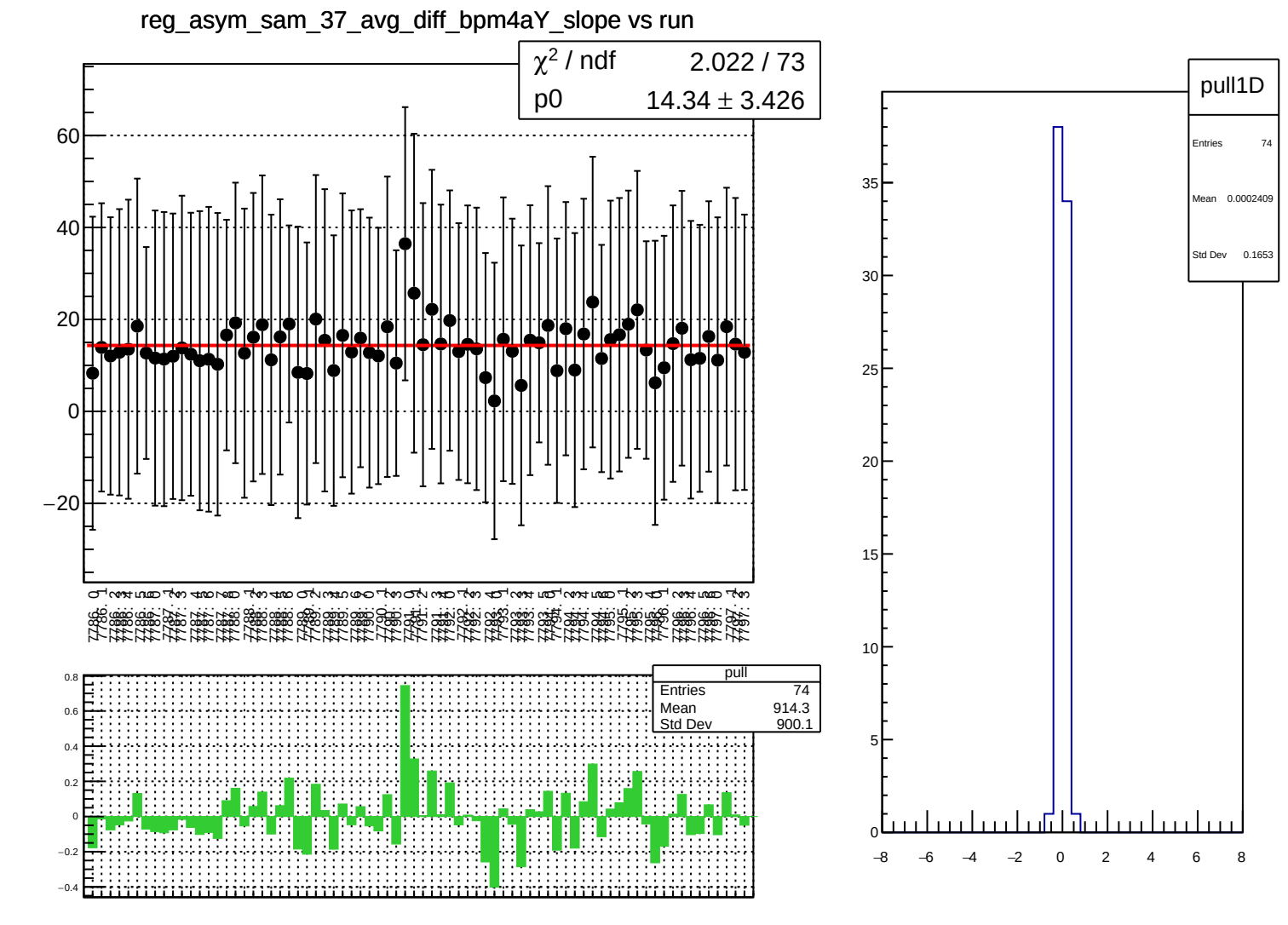

pull1D
Entries 74
Mean 0.01635
Std Dev 0.488

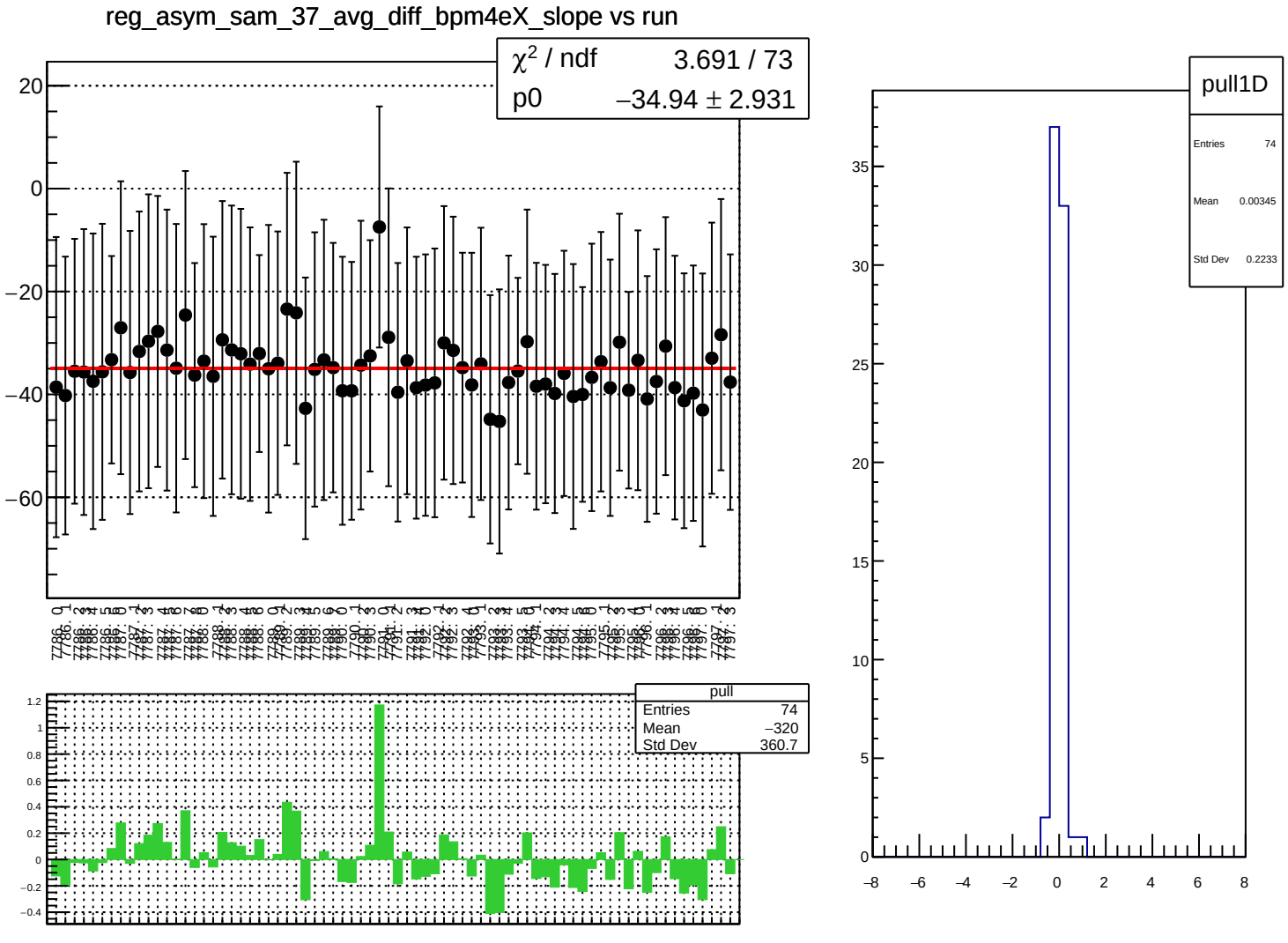

reg_asym_sam_15_dd_diff_bpm12X_slope vs run
χ² / ndf 10.14 / 73
p0 0.6459 ± 0.02946
pull
Entries 74
Mean 231.2
Std Dev 186.1

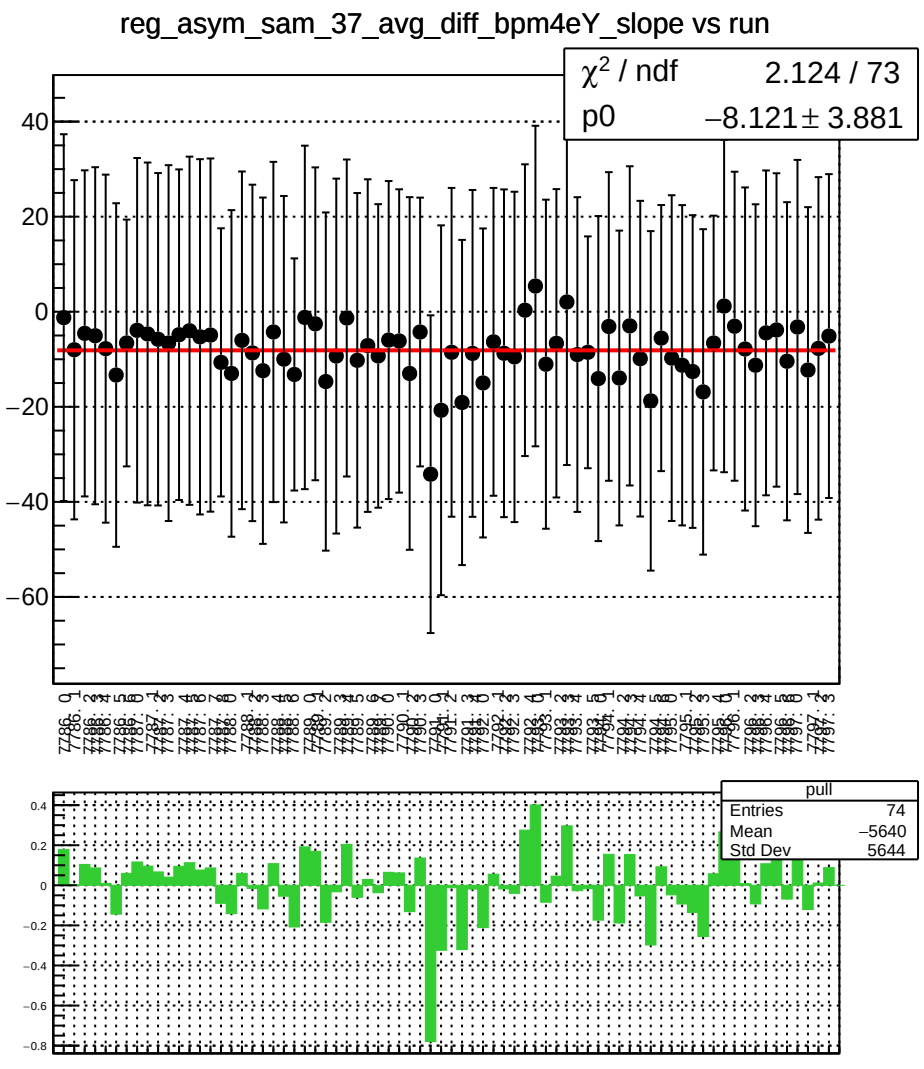

pull1D
Entries 74
Mean 0.0227
Std Dev 0.3695

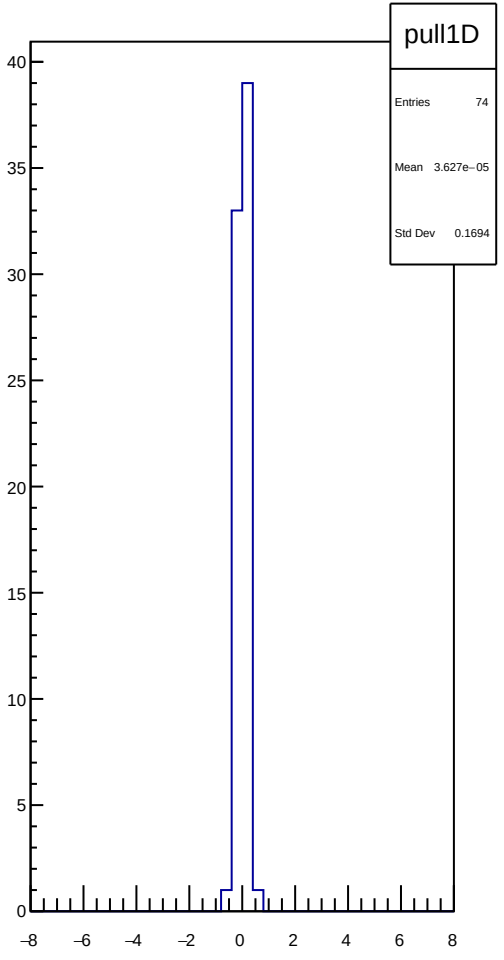

reg_asym_sam_37_avg_diff_bpm1X_slope vs run
χ² / ndf 3.974 / 73
p0 −60.13 ± 3.371
pull
Entries 74
Mean −309.7
Std Dev 353

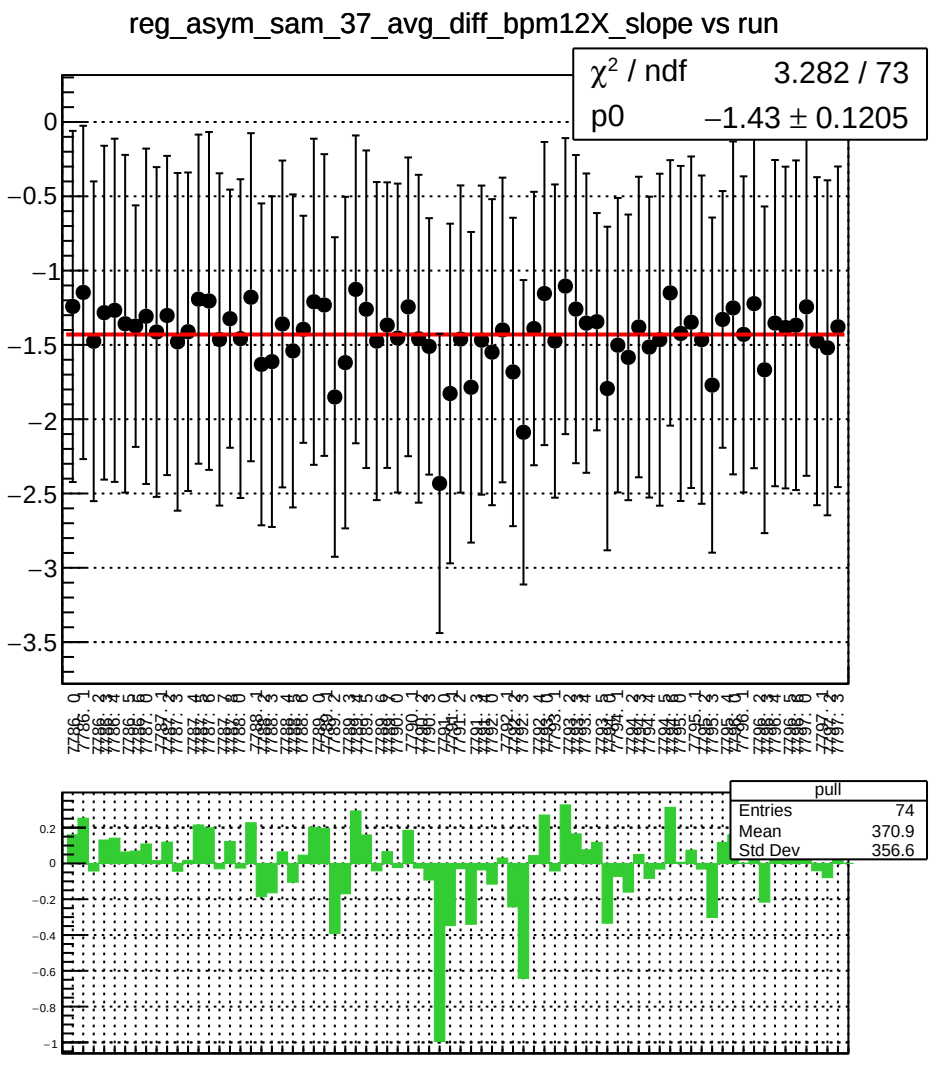

pull1D
Entries 74
Mean −0.003253
Std Dev 0.2317

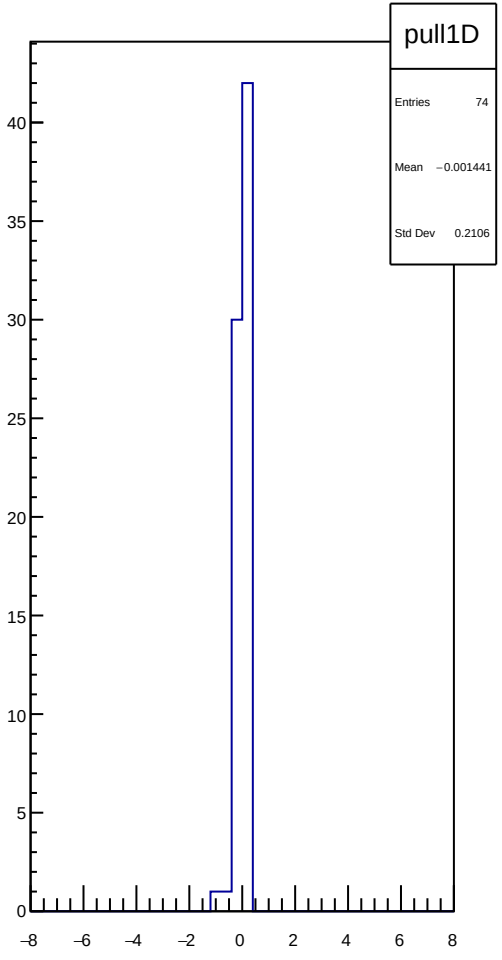

reg_asym_sam_37_avg_diff_bpm4aY_slope vs run
χ² / ndf 2.022 / 73
p0 14.34 ± 3.426
pull
Entries 74
Mean 914.3
Std Dev 900.1
pull1D
Entries 74
Mean 0.0002409
Std Dev 0.1653

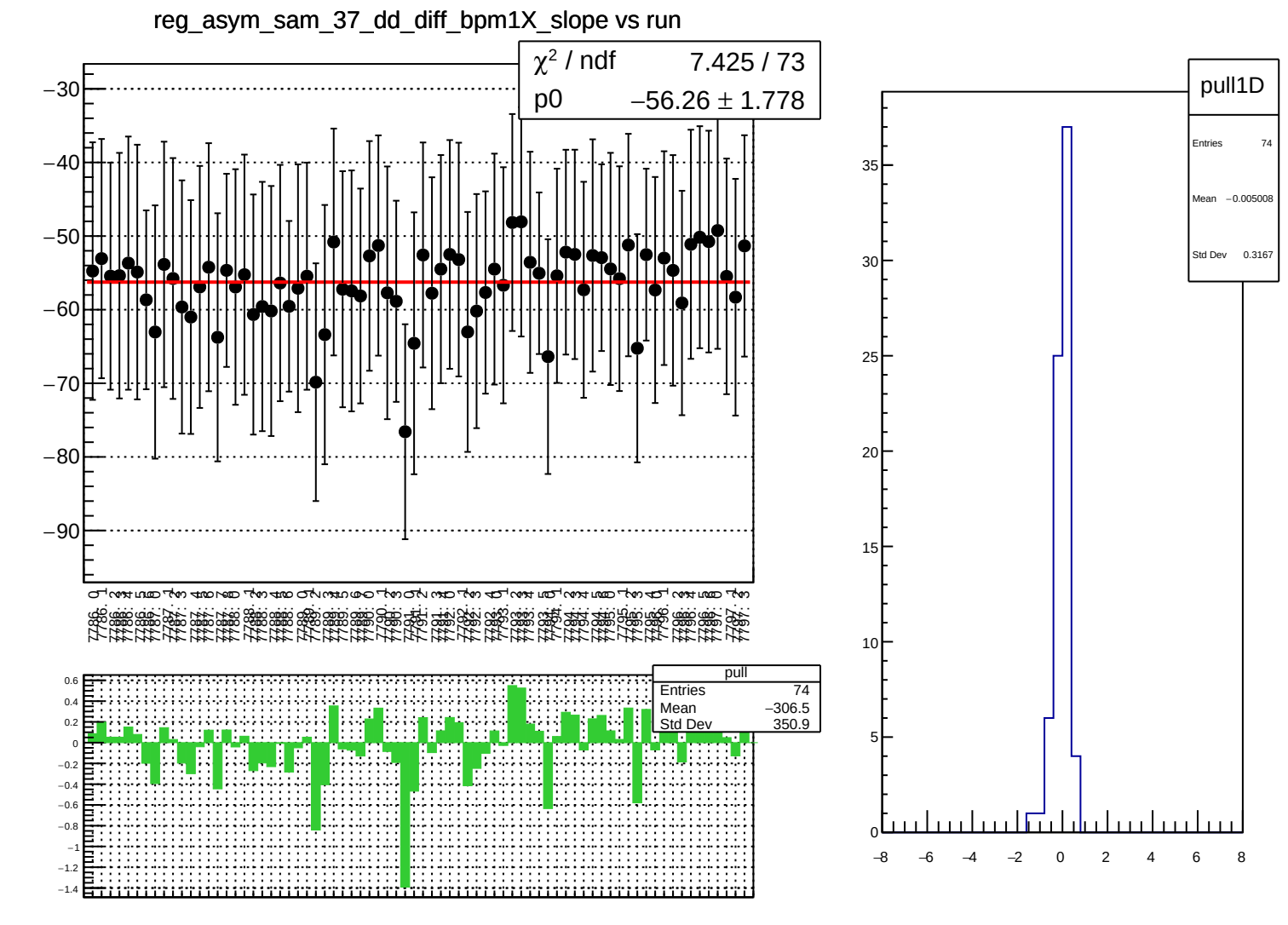

reg_asym_sam_37_avg_diff_bpm4eX_slope vs run
χ² / ndf 3.691 / 73
p0 −34.94 ± 2.931
pull
Entries 74
Mean −320
Std Dev 360.7
pull1D
Entries 74
Mean 0.00345
Std Dev 0.2233

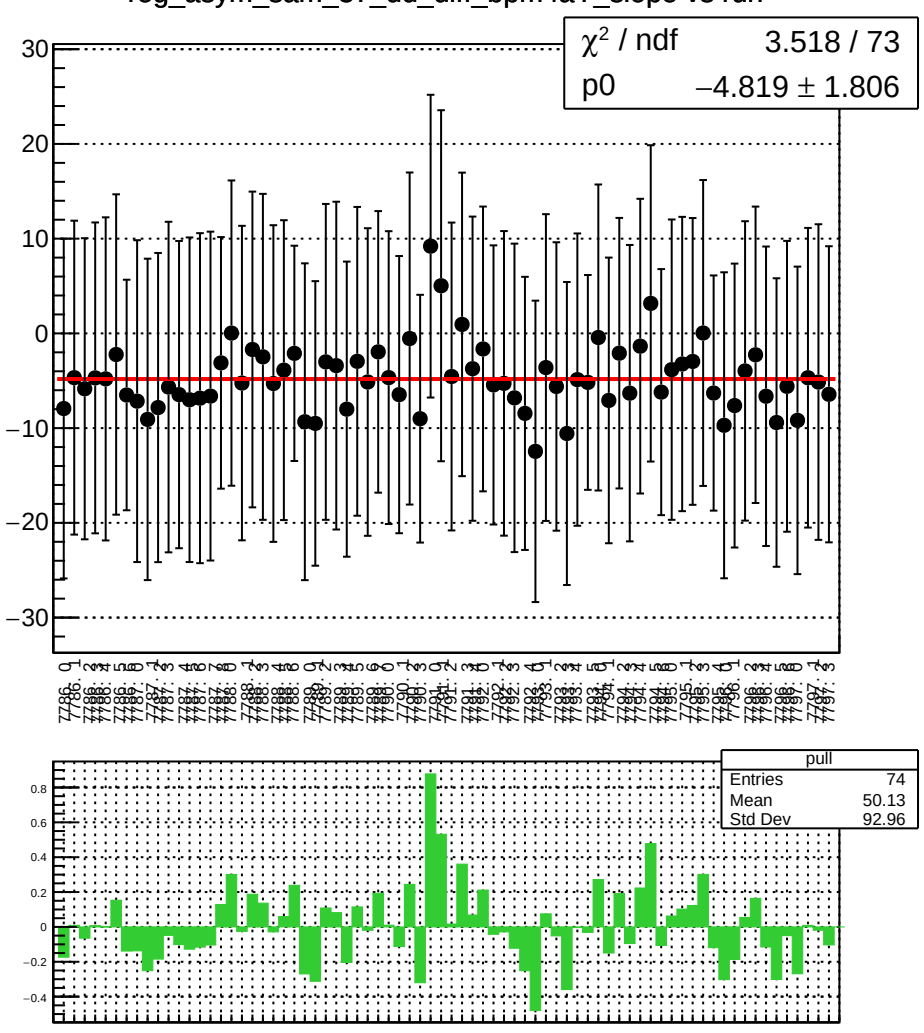

reg_asym_sam_37_avg_diff_bpm4eY_slope vs run
χ² / ndf 2.124 / 73
p0 −8.121 ± 3.881
pull
Entries 74
Mean −5640
Std Dev 5644

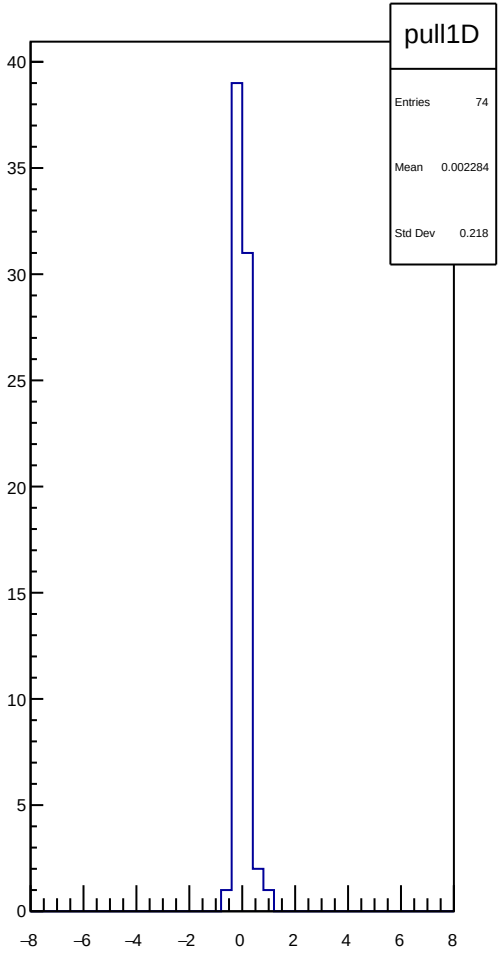

pull1D
Entries 74
Mean 3.627e−05
Std Dev 0.1694

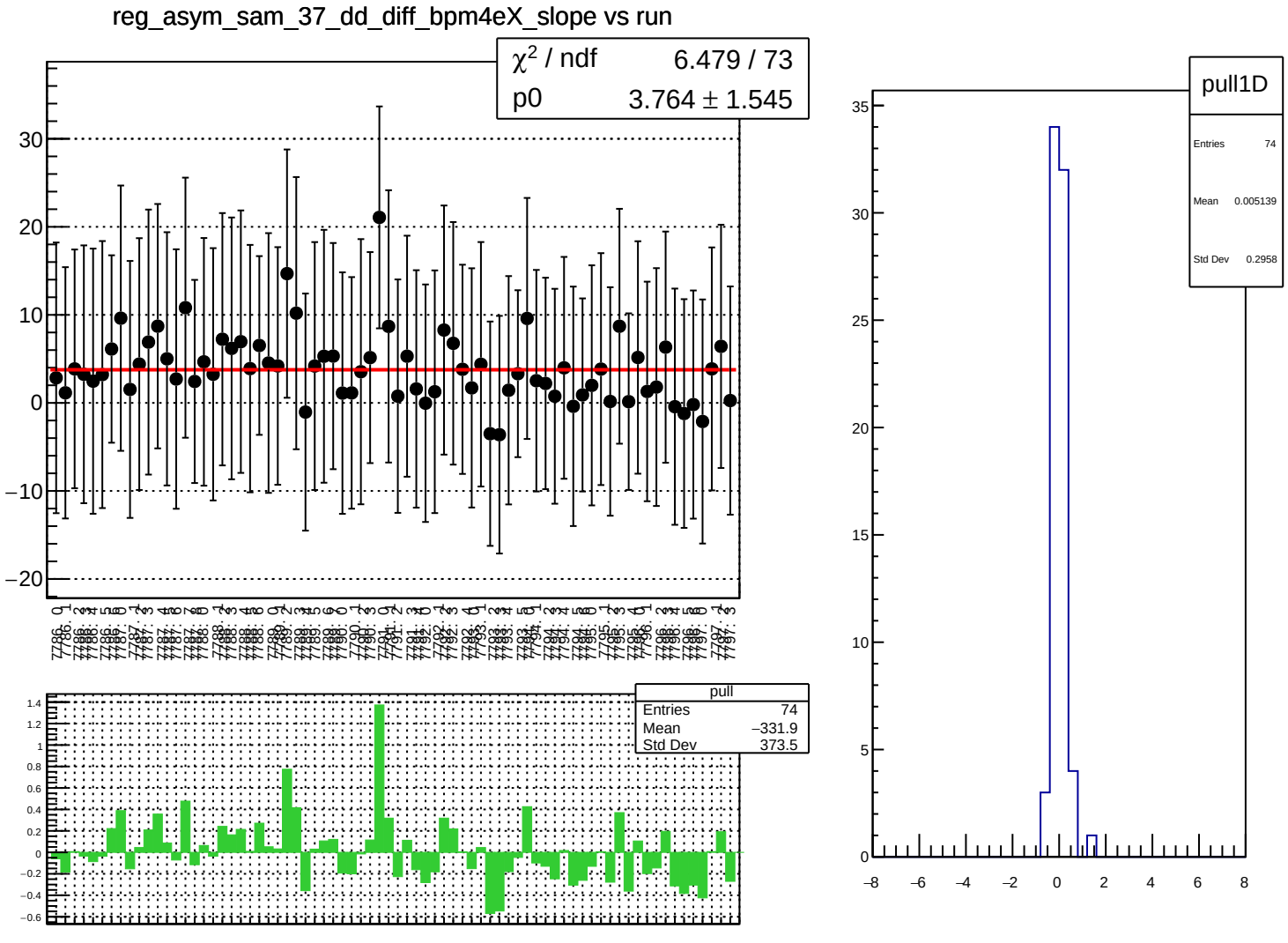

reg_asym_sam_37_avg_diff_bpm12X_slope vs run
χ² / ndf 3.282 / 73
p0 −1.43 ± 0.1205
pull
Entries 74
Mean 370.9
Std Dev 356.6

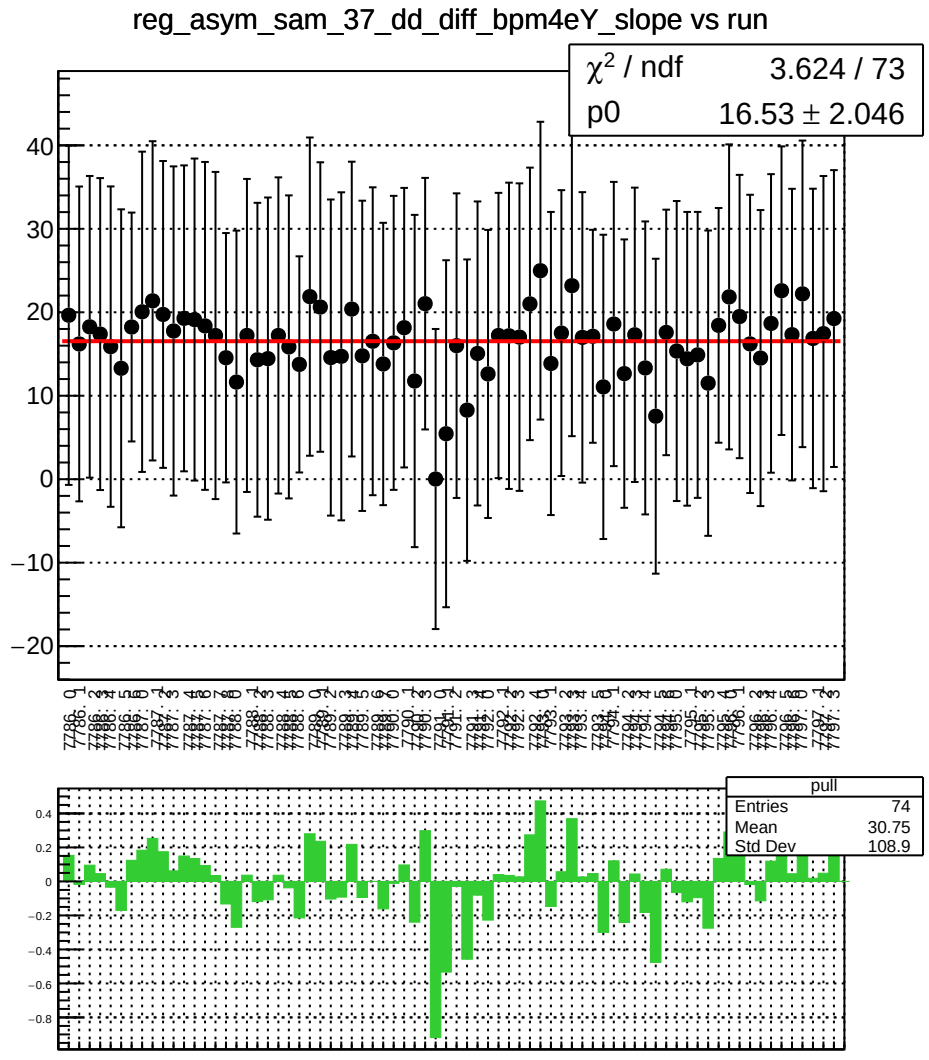

pull1D
Entries 74
Mean −0.001441
Std Dev 0.2106

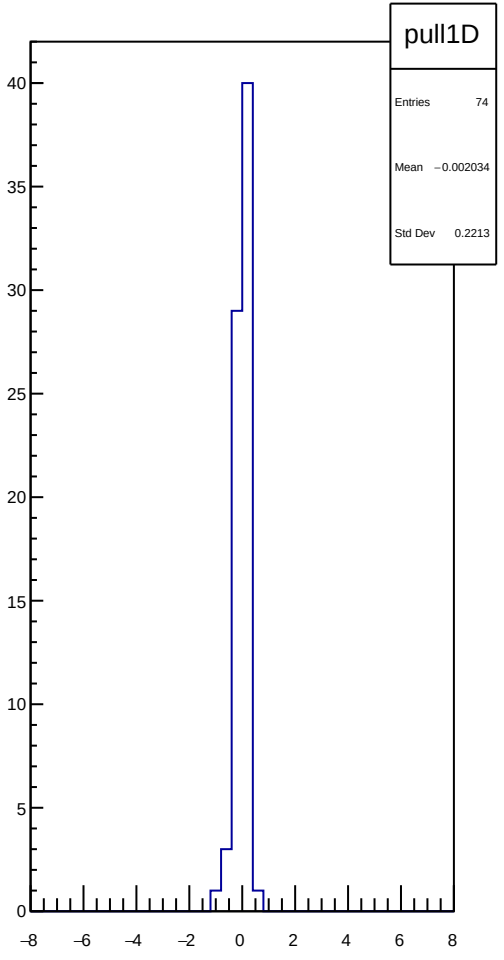

reg_asym_sam_37_dd_diff_bpm1X_slope vs run
χ² / ndf 7.425 / 73
p0 −56.26 ± 1.778
pull
Entries 74
Mean −306.5
Std Dev 350.9
pull1D
Entries 74
Mean −0.005008
Std Dev 0.3167

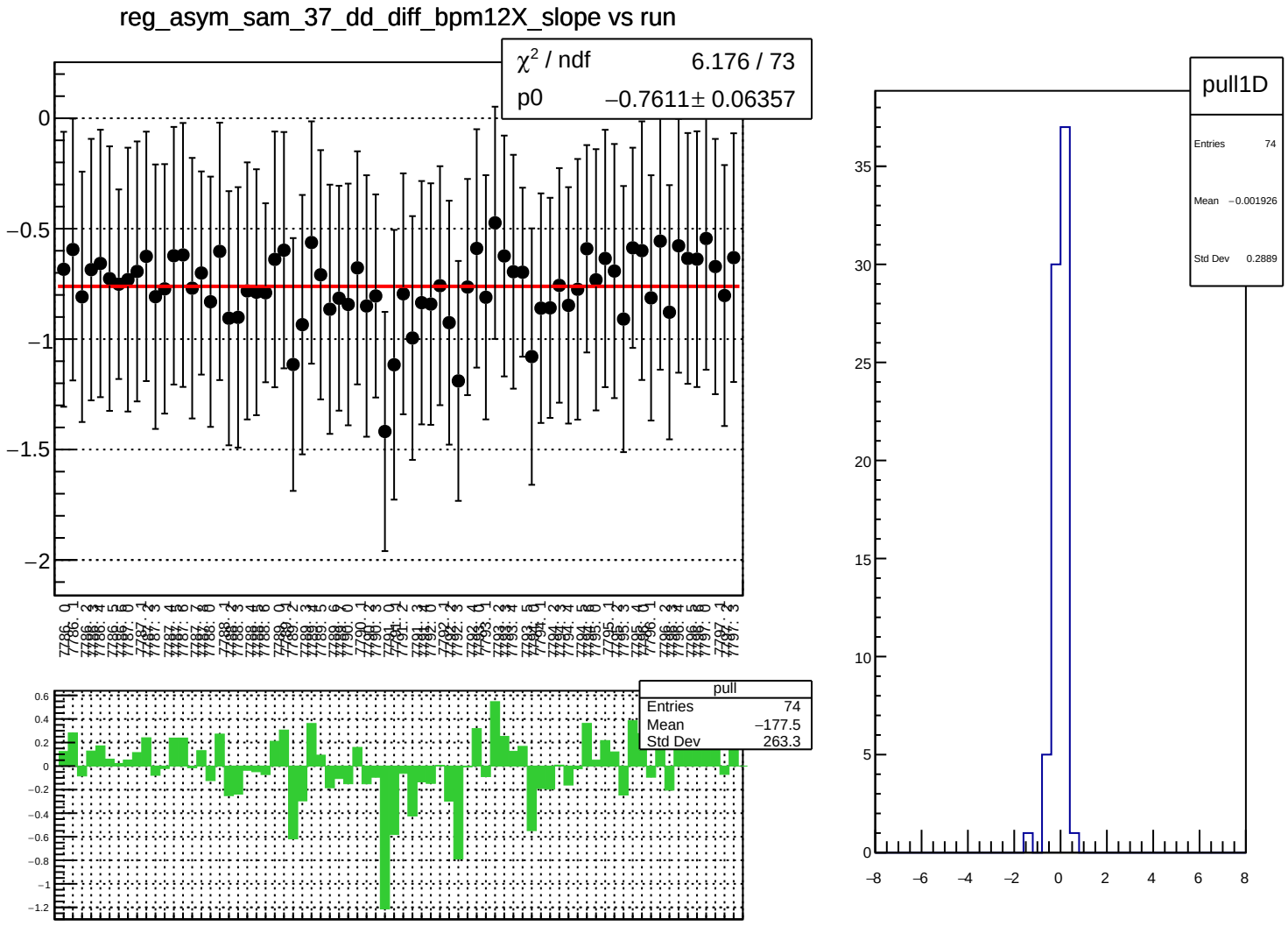

reg_asym_sam_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 3.518 / 73
p0 −4.819 ± 1.806
pull
Entries 74
Mean 50.13
Std Dev 92.96

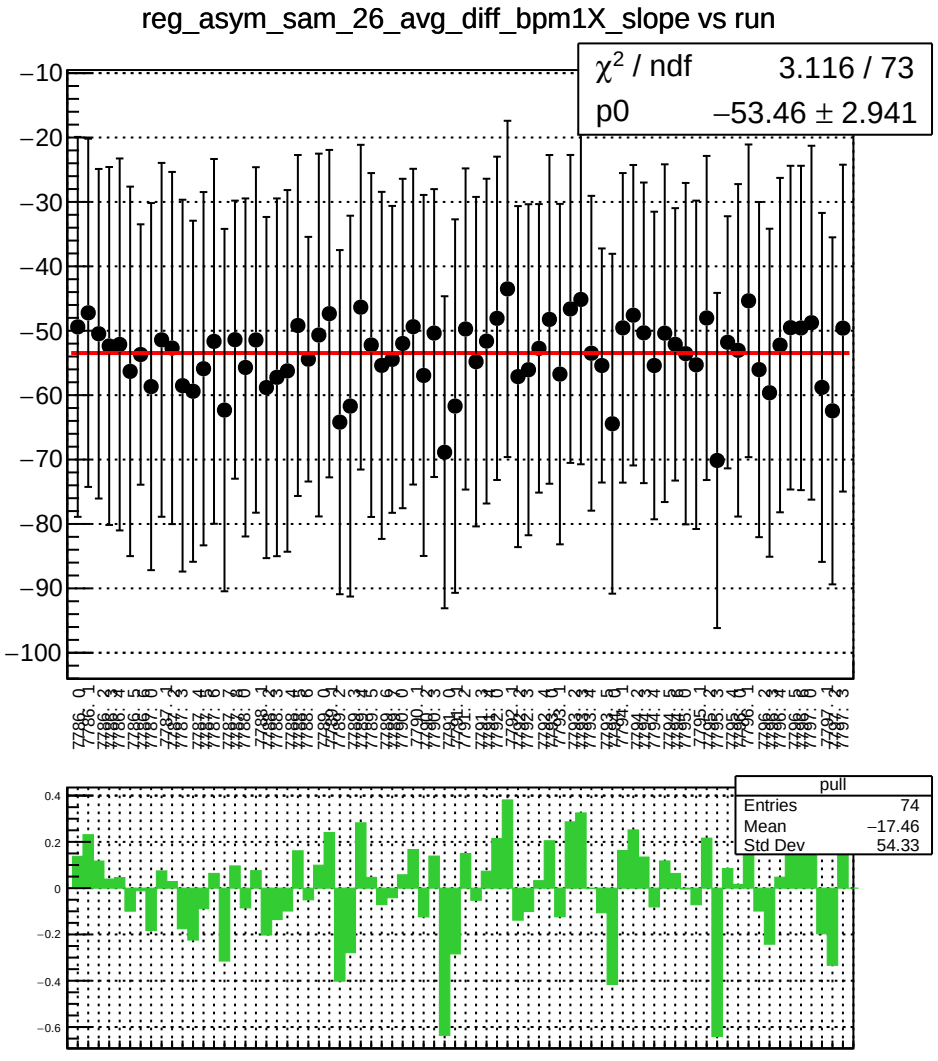

pull1D
Entries 74
Mean 0.002284
Std Dev 0.218

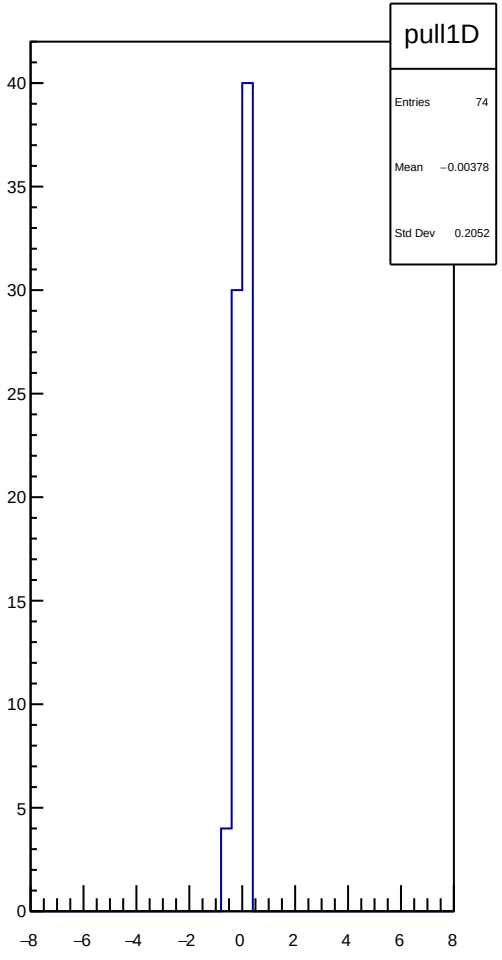

reg_asym_sam_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 6.479 / 73
p0 3.764 ± 1.545
pull
Entries 74
Mean −331.9
Std Dev 373.5
pull1D
Entries 74
Mean 0.005139
Std Dev 0.2958

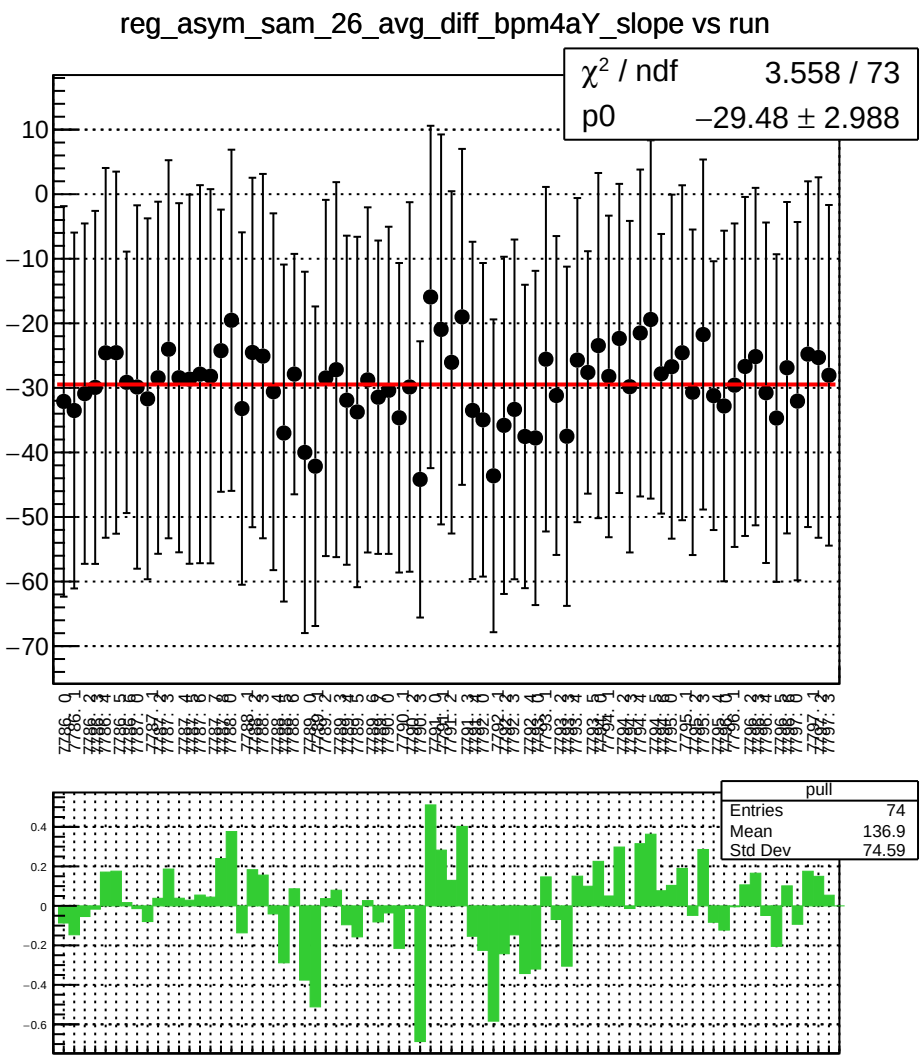

reg_asym_sam_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 3.624 / 73
p0 16.53 ± 2.046
pull
Entries 74
Mean 30.75
Std Dev 108.9

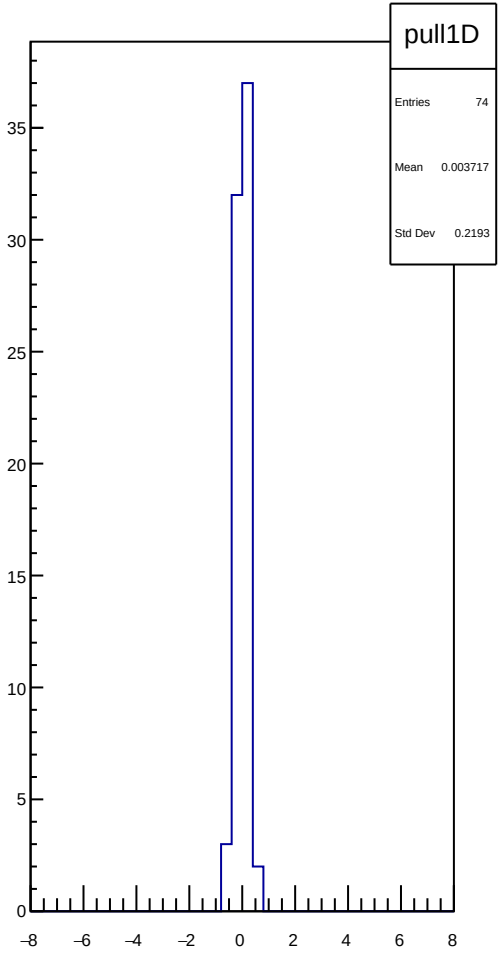

pull1D
Entries 74
Mean −0.002034
Std Dev 0.2213

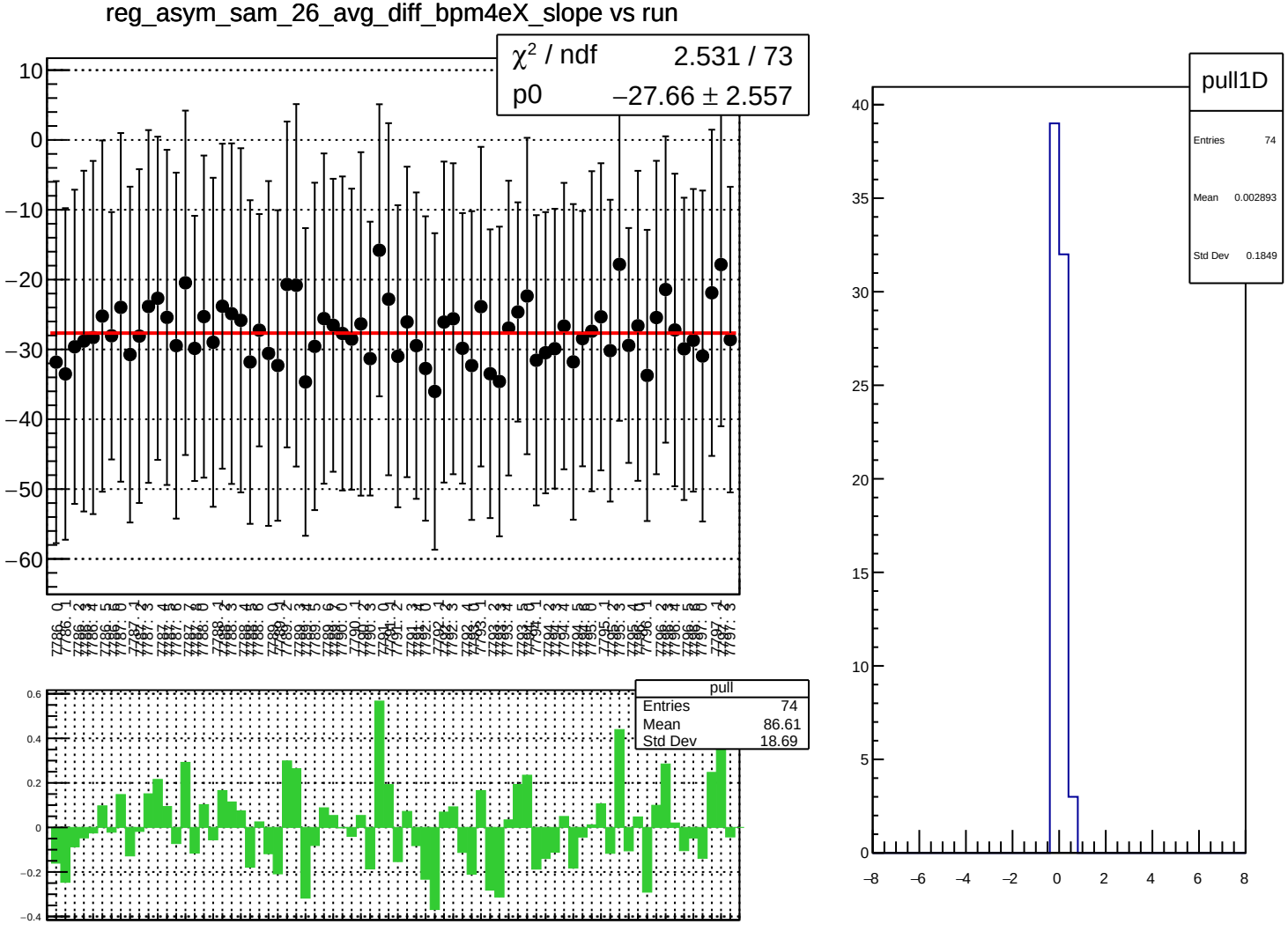

reg_asym_sam_37_dd_diff_bpm12X_slope vs run
χ² / ndf 6.176 / 73
p0 −0.7611± 0.06357
pull
Entries 74
Mean −177.5
Std Dev 263.3
pull1D
Entries 74
Mean −0.001926
Std Dev 0.2889

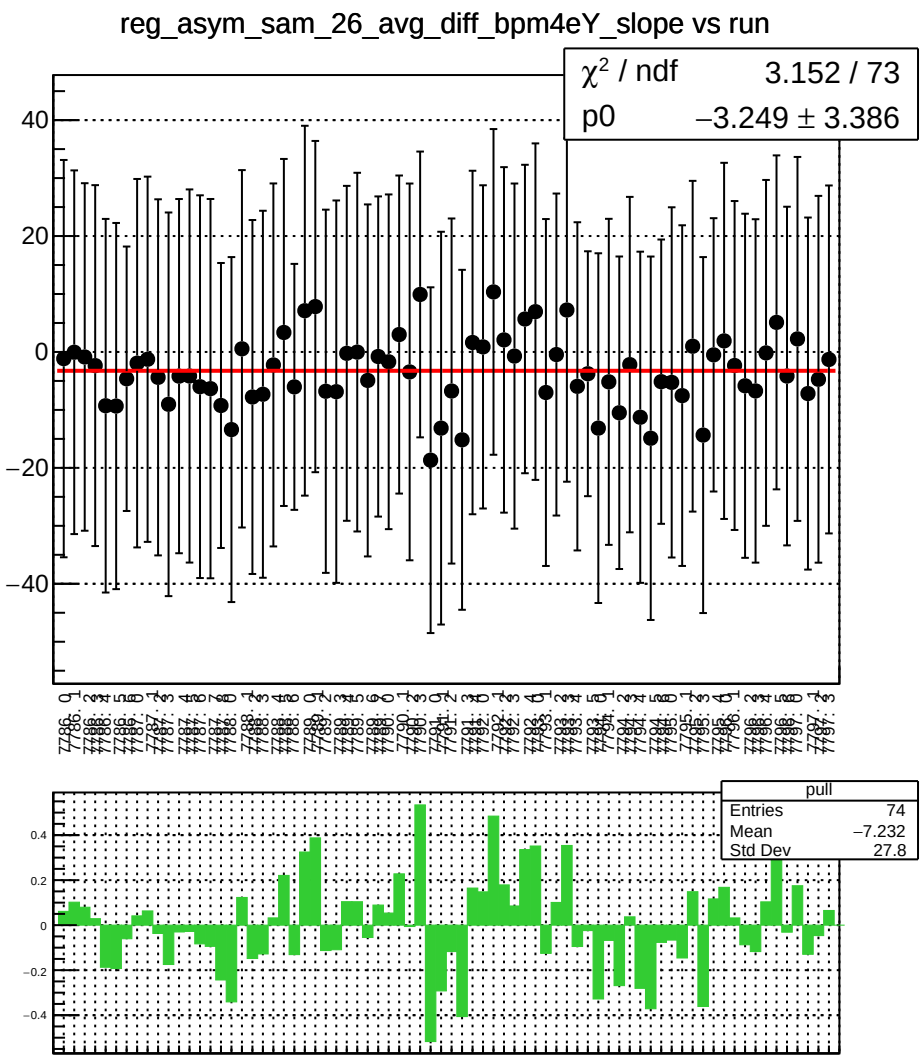

reg_asym_sam_26_avg_diff_bpm1X_slope vs run
χ² / ndf 3.116 / 73
p0 −53.46 ± 2.941
pull
Entries 74
Mean −17.46
Std Dev 54.33

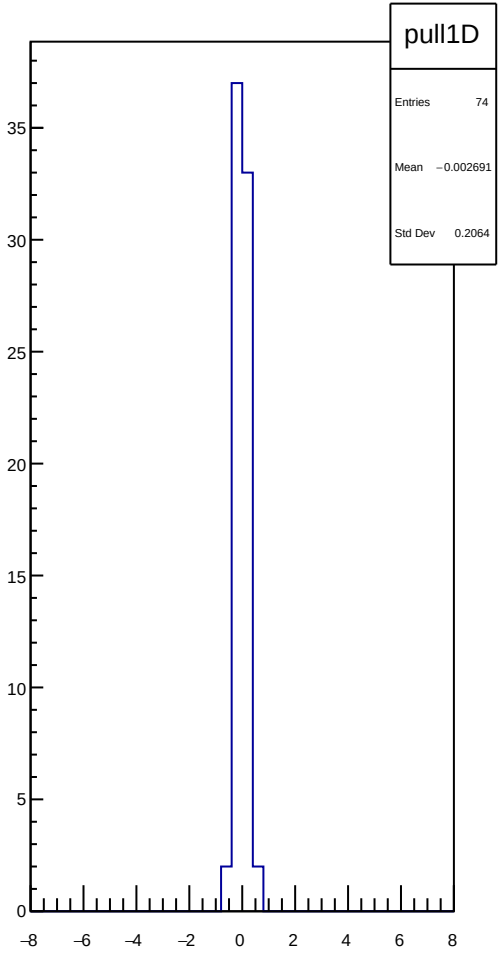

pull1D
Entries 74
Mean −0.00378
Std Dev 0.2052

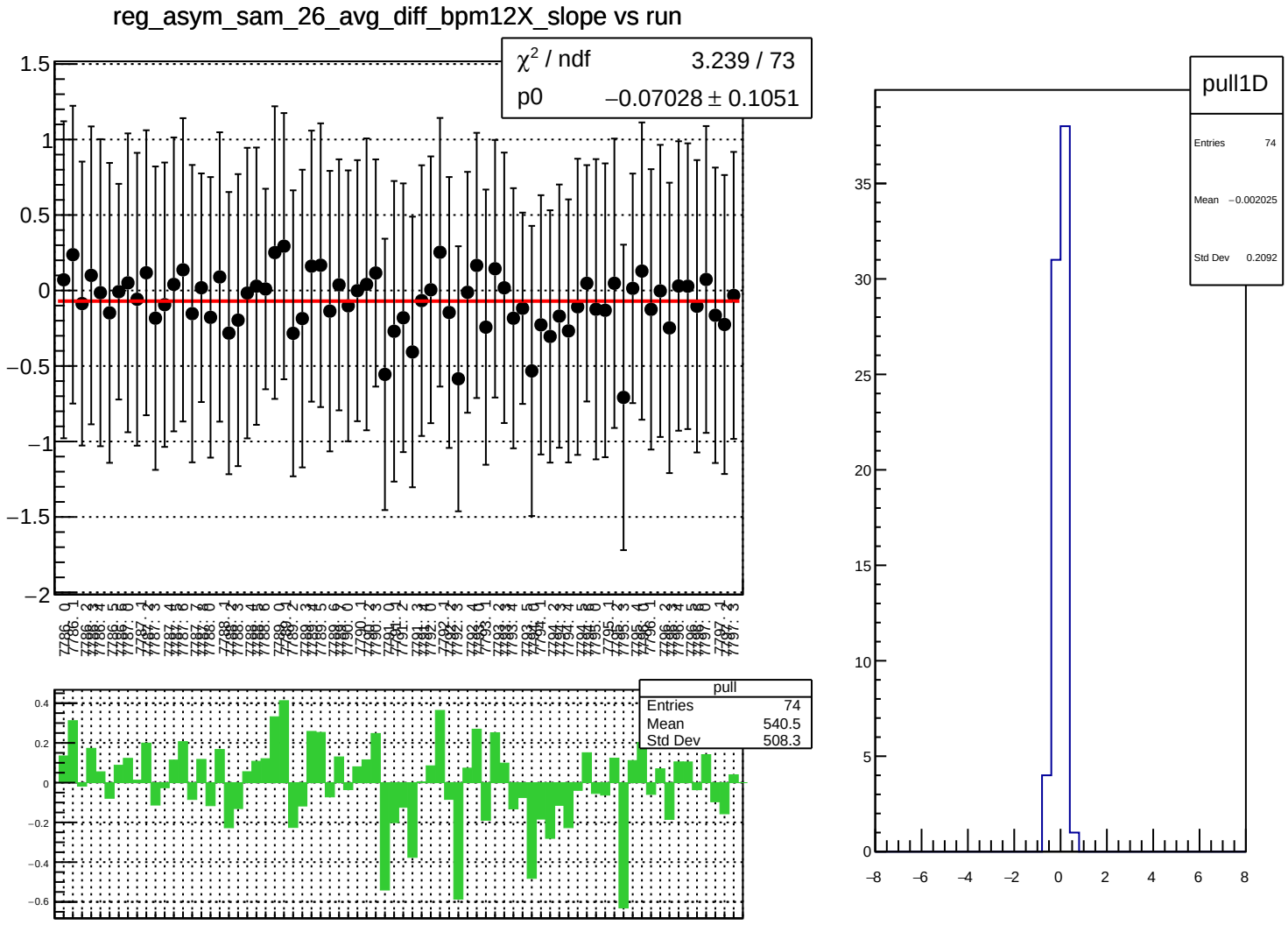

reg_asym_sam_26_avg_diff_bpm4aY_slope vs run
χ² / ndf 3.558 / 73
p0 −29.48 ± 2.988
pull
Entries 74
Mean 136.9
Std Dev 74.59

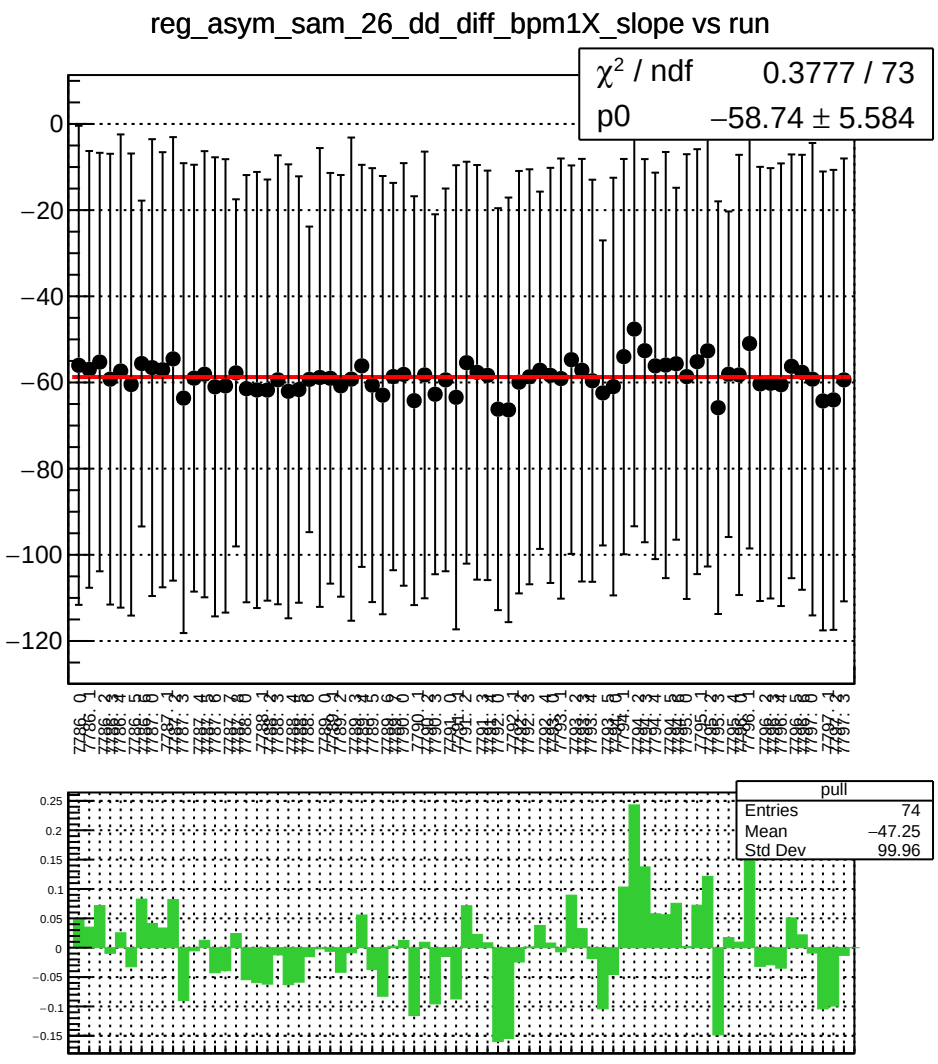

pull1D
Entries 74
Mean 0.003717
Std Dev 0.2193

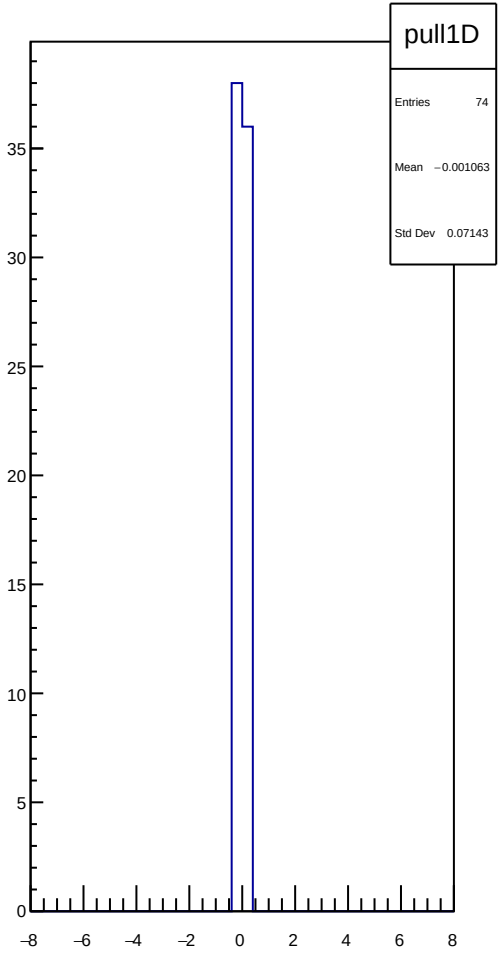

reg_asym_sam_26_avg_diff_bpm4eX_slope vs run
χ² / ndf 2.531 / 73
p0 −27.66 ± 2.557
pull
Entries 74
Mean 86.61
Std Dev 18.69
pull1D
Entries 74
Mean 0.002893
Std Dev 0.1849

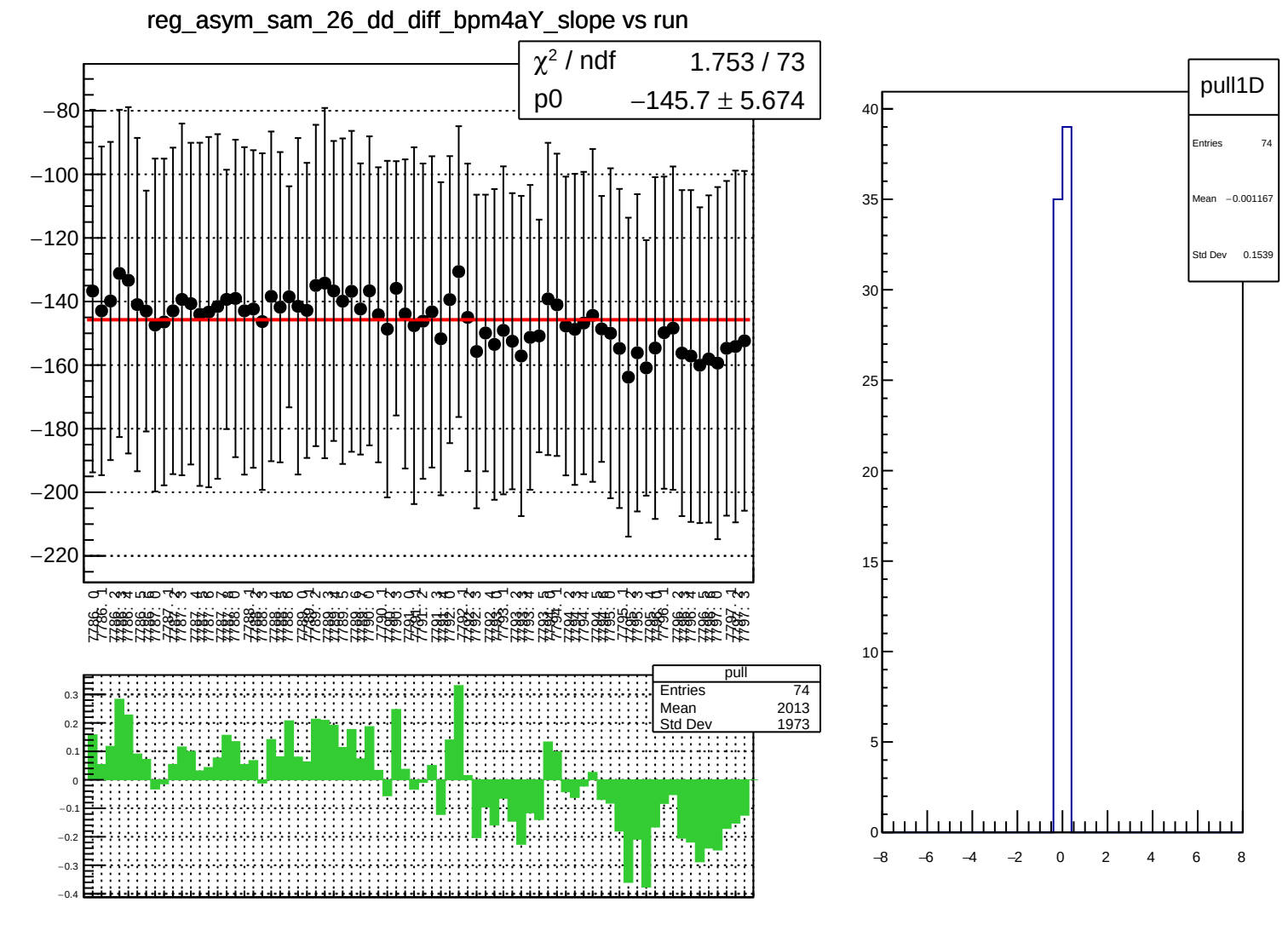

reg_asym_sam_26_avg_diff_bpm4eY_slope vs run
χ² / ndf 3.152 / 73
p0 −3.249 ± 3.386
pull
Entries 74
Mean −7.232
Std Dev 27.8

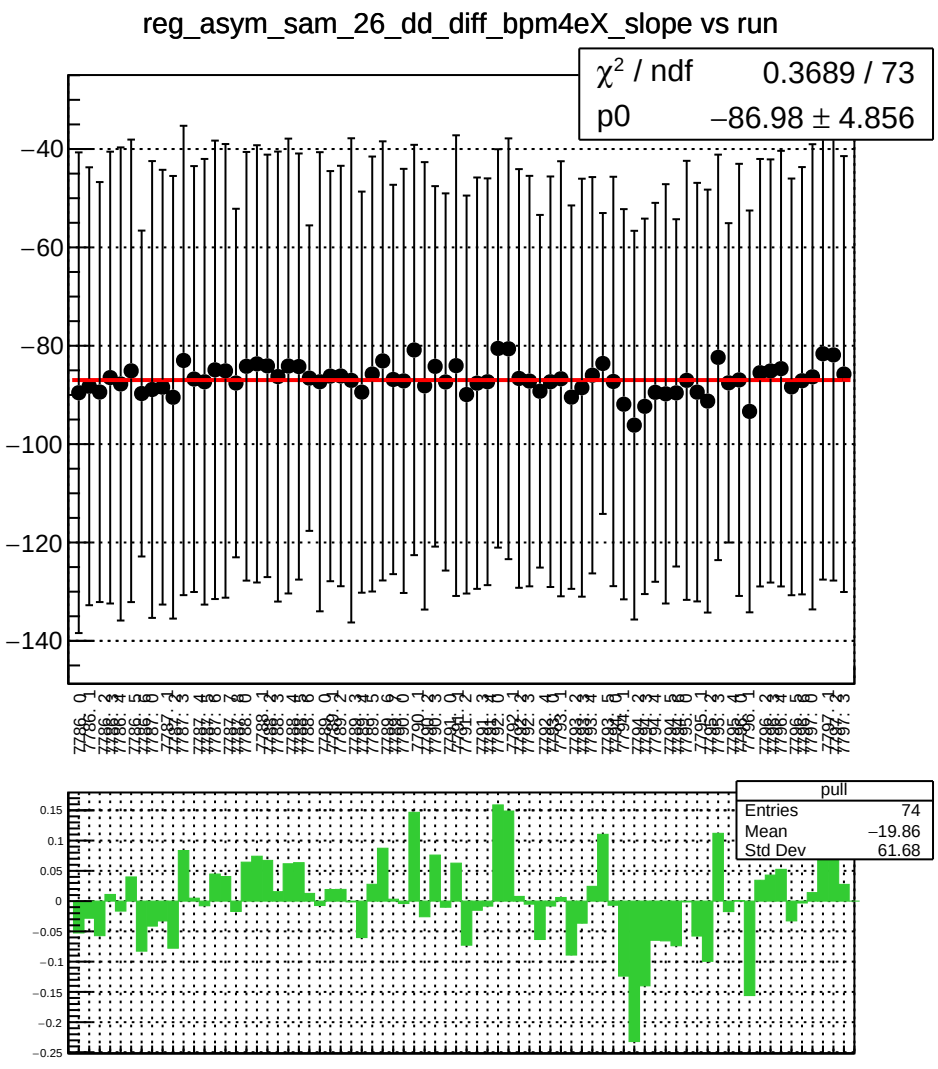

pull1D
Entries 74
Mean −0.002691
Std Dev 0.2064

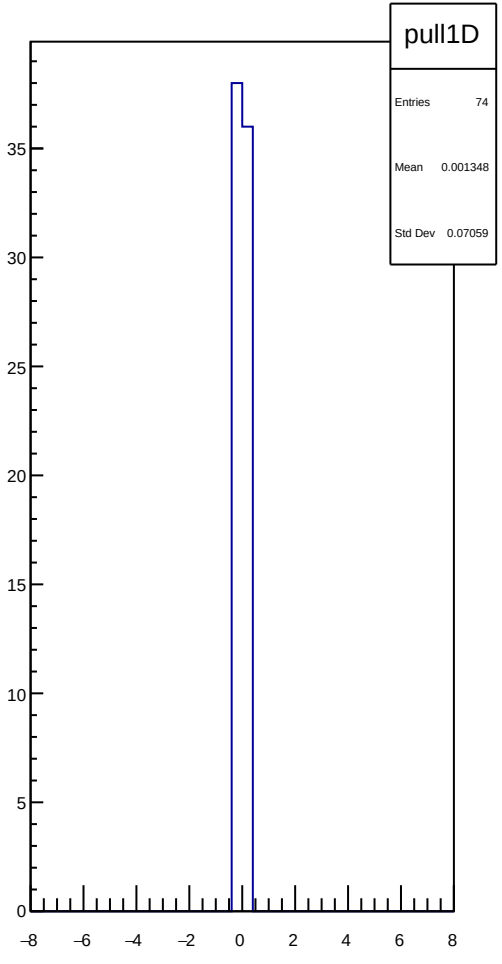

reg_asym_sam_26_avg_diff_bpm12X_slope vs run
χ² / ndf 3.239 / 73
p0 −0.07028 ± 0.1051
pull
Entries 74
Mean 540.5
Std Dev 508.3
pull1D
Entries 74
Mean −0.002025
Std Dev 0.2092

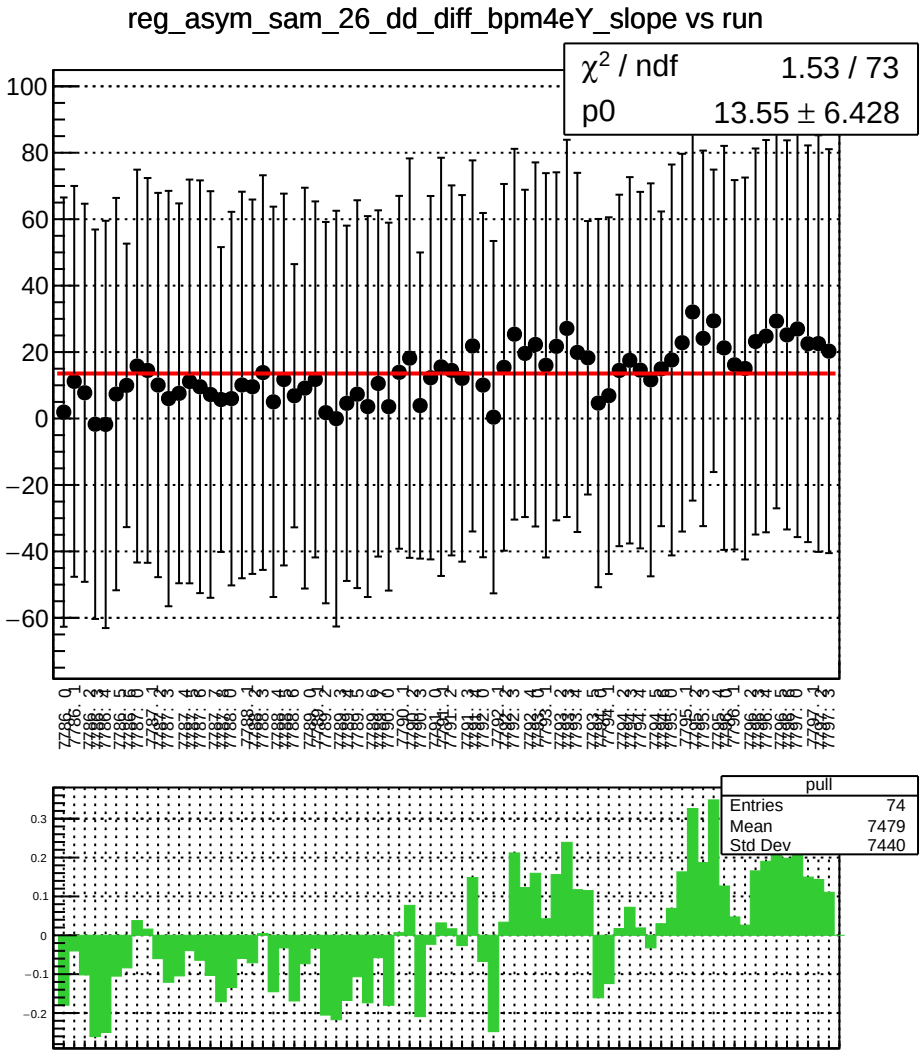

reg_asym_sam_26_dd_diff_bpm1X_slope vs run
χ² / ndf 0.3777 / 73
p0 −58.74 ± 5.584
pull
Entries 74
Mean −47.25
Std Dev 99.96

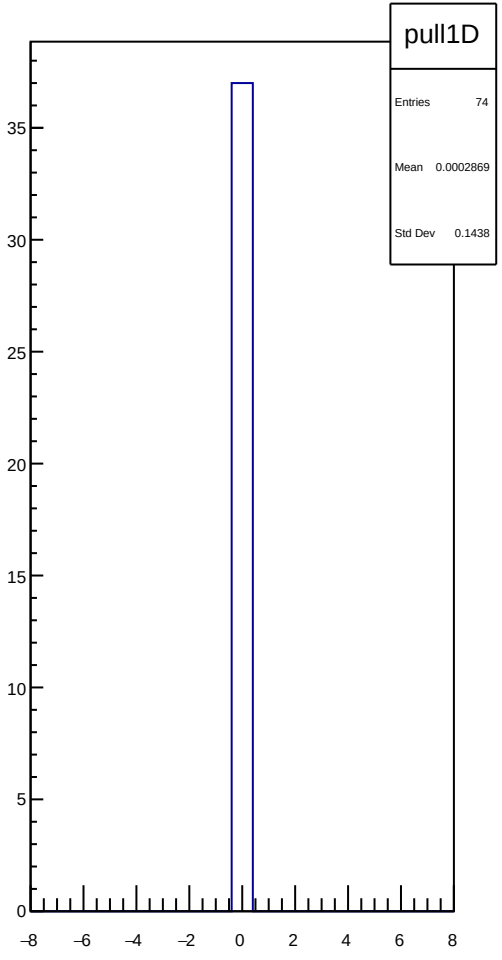

pull1D
Entries 74
Mean −0.001063
Std Dev 0.07143

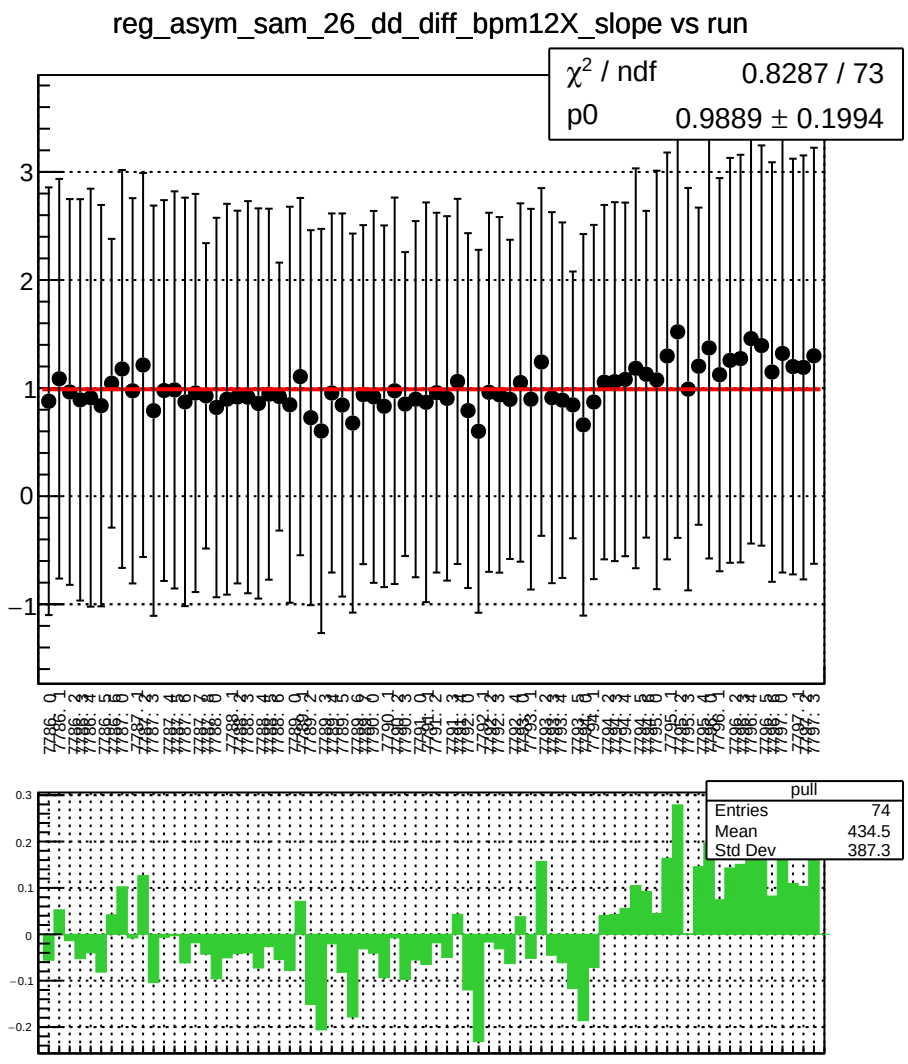

reg_asym_sam_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 1.753 / 73
p0 −145.7 ± 5.674
pull
Entries 74
Mean 2013
Std Dev 1973
pull1D
Entries 74
Mean −0.001167
Std Dev 0.1539

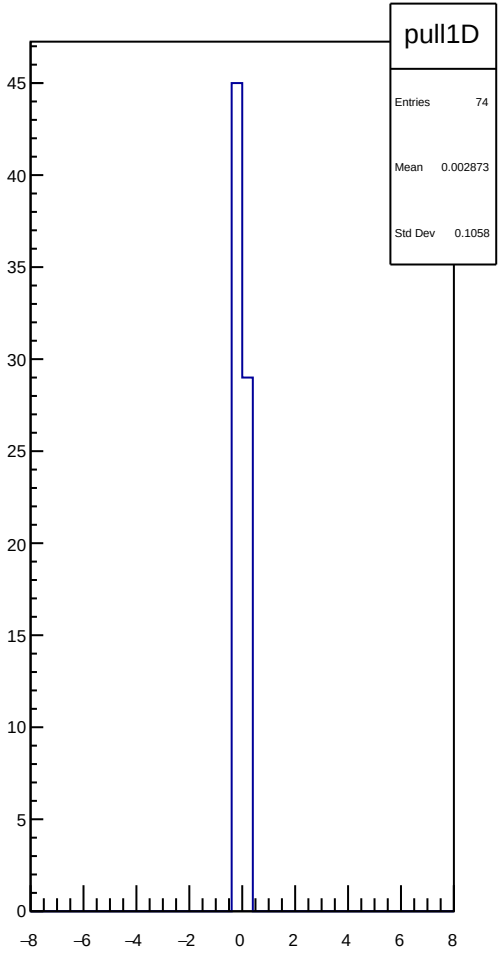

reg_asym_sam_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 0.3689 / 73
p0 −86.98 ± 4.856
pull
Entries 74
Mean −19.86
Std Dev 61.68

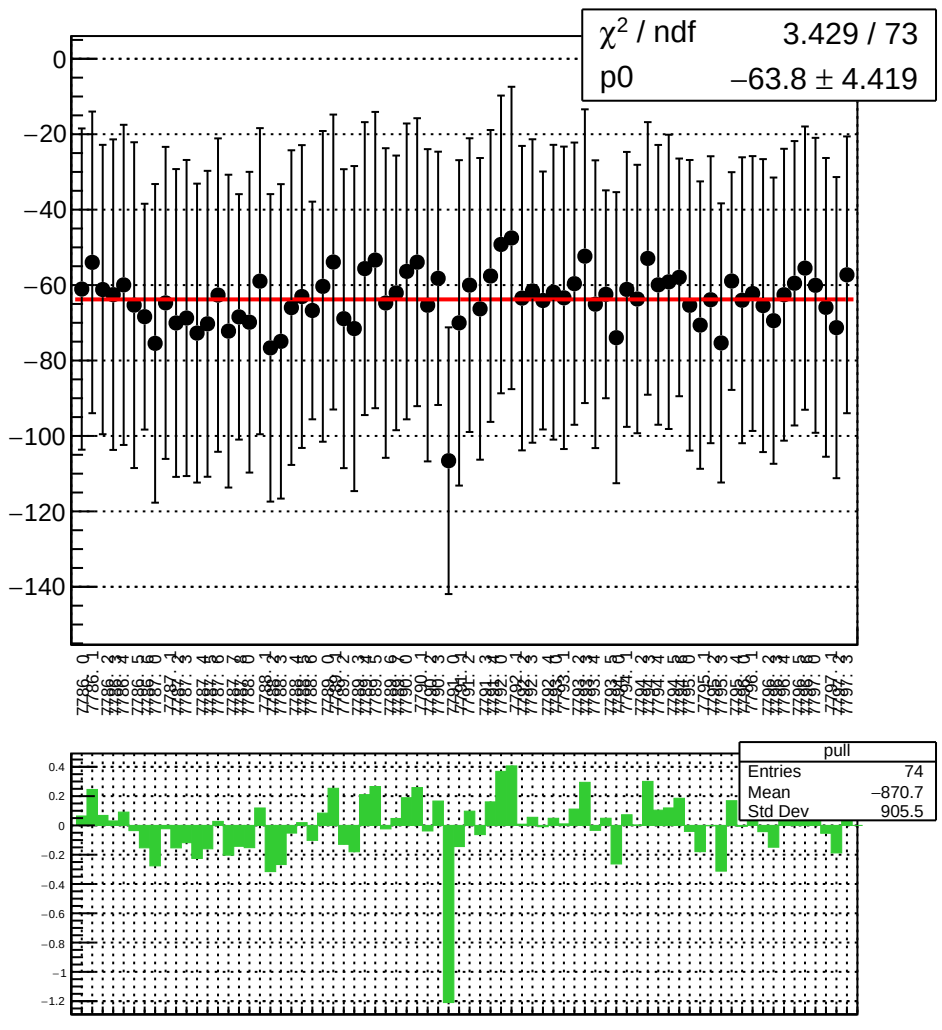

pull1D
Entries 74
Mean 0.001348
Std Dev 0.07059

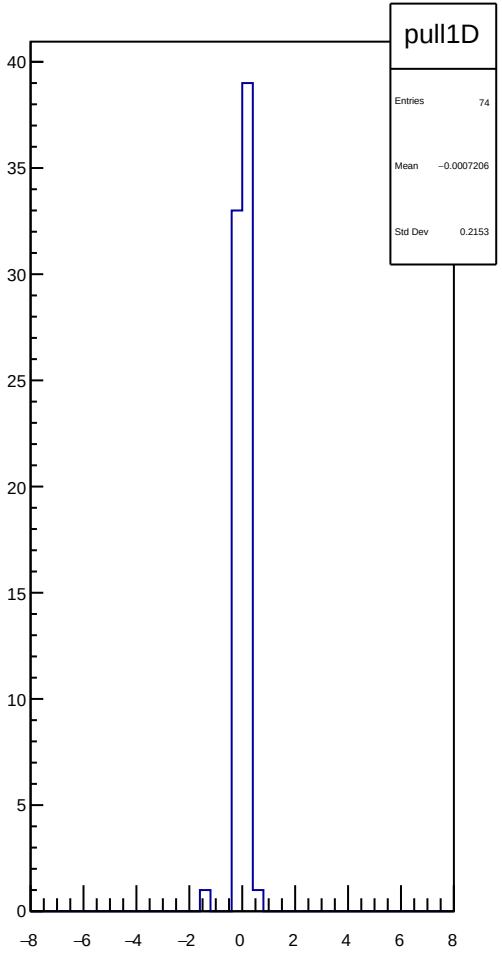

reg_asym_sam_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 1.53 / 73
p0 13.55 ± 6.428
pull
Entries 74
Mean 7479
Std Dev 7440

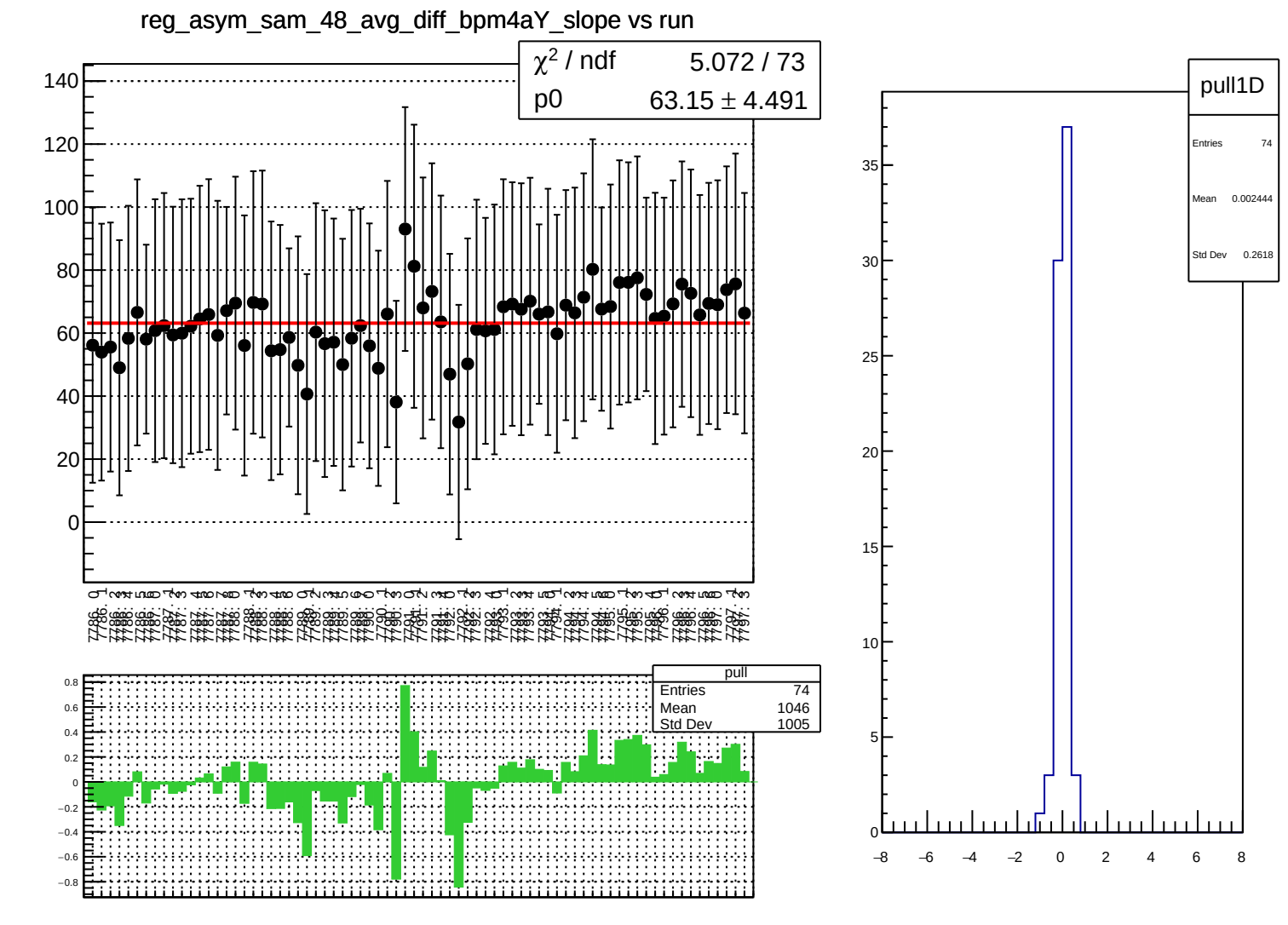

pull1D
Entries 74
Mean 0.0002869
Std Dev 0.1438

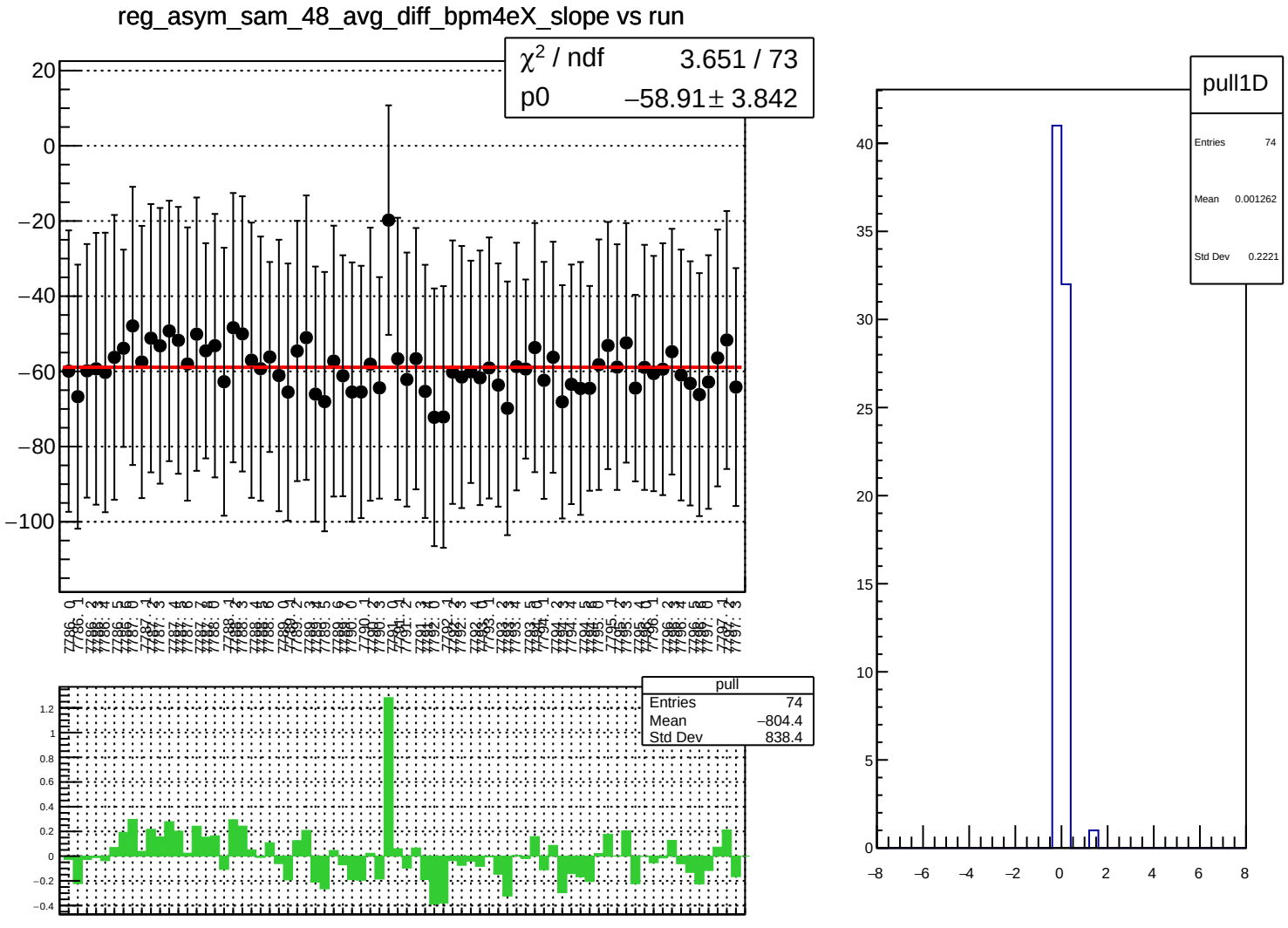

reg_asym_sam_26_dd_diff_bpm12X_slope vs run
χ² / ndf 0.8287 / 73
p0 0.9889 ± 0.1994
pull
Entries 74
Mean 434.5
Std Dev 387.3

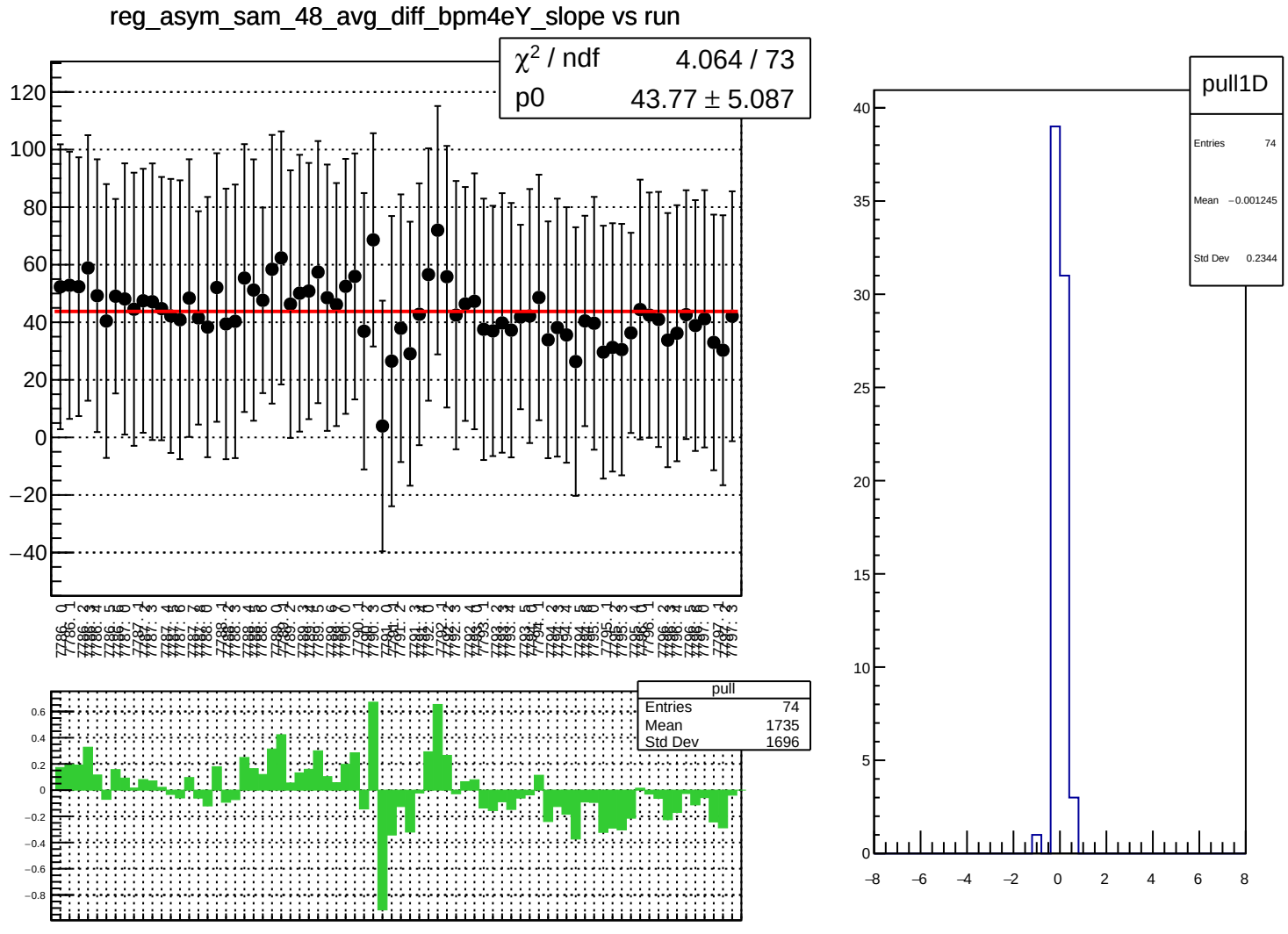

pull1D
Entries 74
Mean 0.002873
Std Dev 0.1058

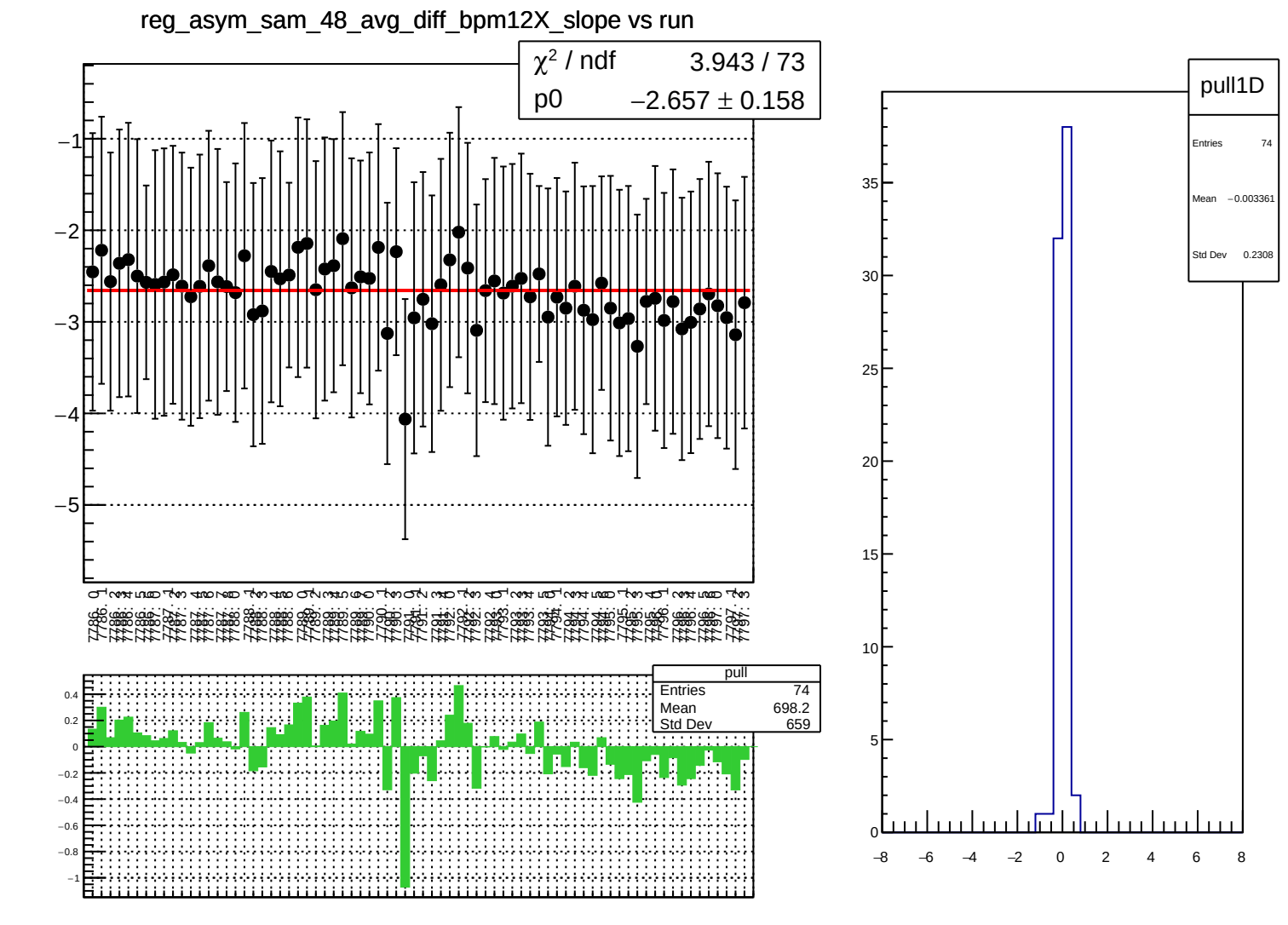

reg_asym_sam_48_avg_diff_bpm1X_slope vs run
χ² / ndf 3.429 / 73
p0 −63.8 ± 4.419
pull
Entries 74
Mean −870.7
Std Dev 905.5

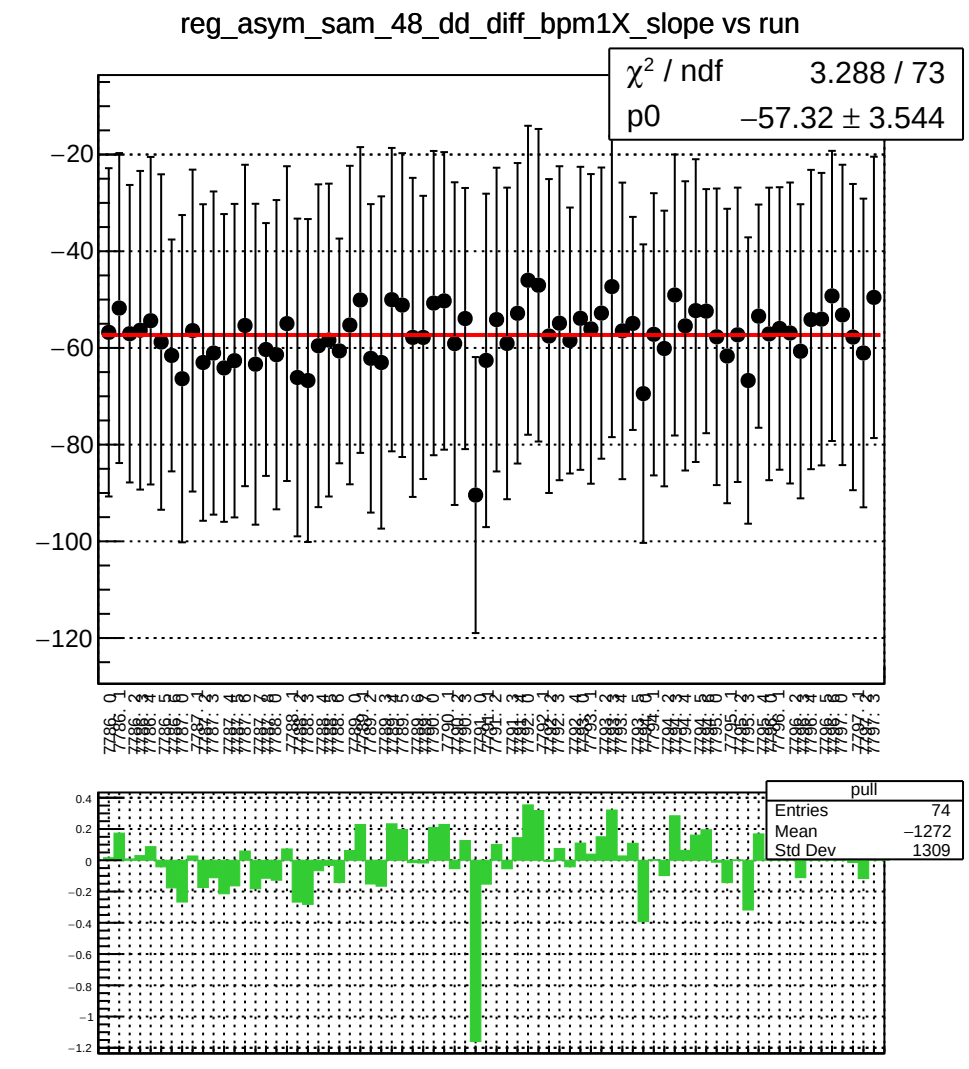

pull1D
Entries 74
Mean −0.0007206
Std Dev 0.2153

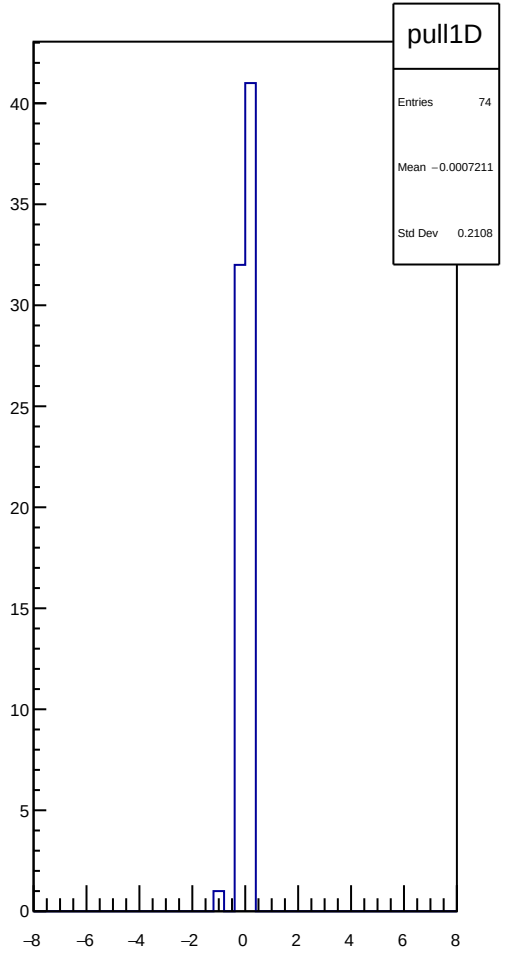

reg_asym_sam_48_avg_diff_bpm4aY_slope vs run
χ² / ndf 5.072 / 73
p0 63.15 ± 4.491
pull
Entries 74
Mean 1046
Std Dev 1005
pull1D
Entries 74
Mean 0.002444
Std Dev 0.2618

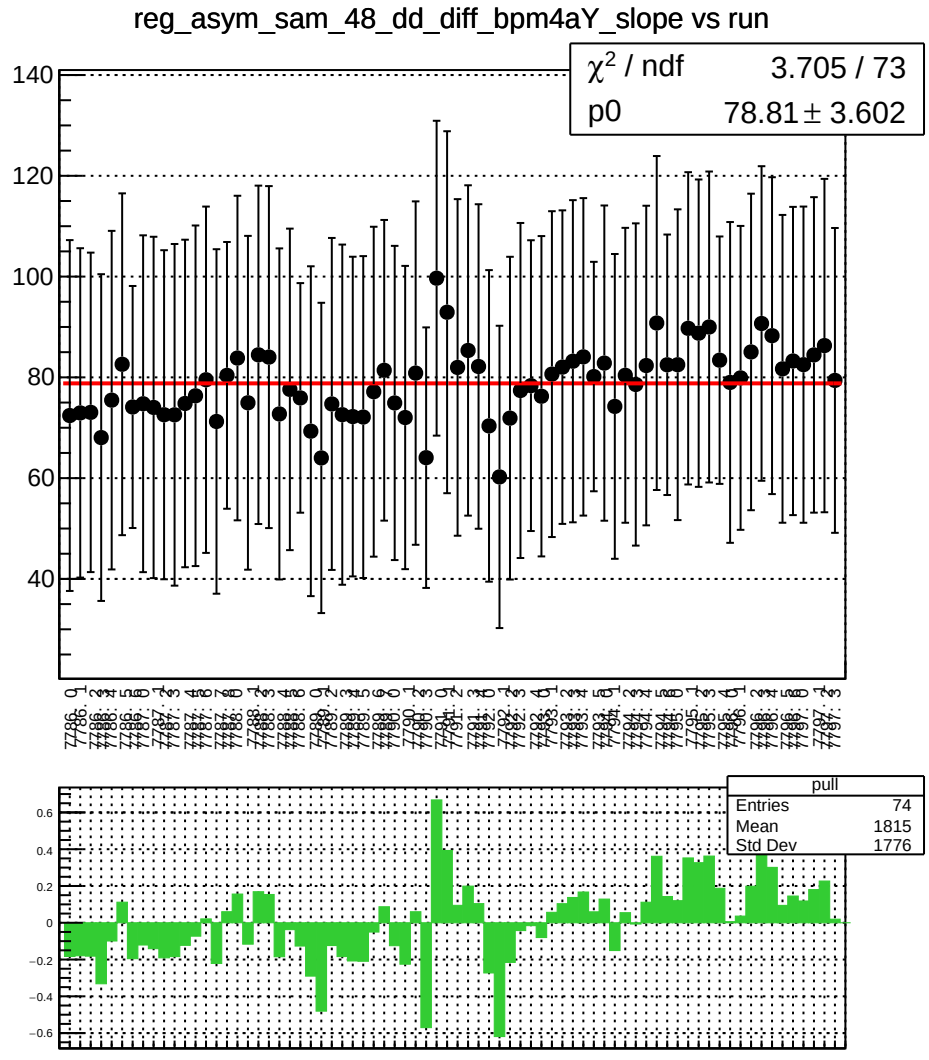

reg_asym_sam_48_avg_diff_bpm4eX_slope vs run
χ² / ndf 3.651 / 73
p0 −58.91 ± 3.842
pull
Entries 74
Mean −804.4
Std Dev 838.4
pull1D
Entries 74
Mean 0.001262
Std Dev 0.2221

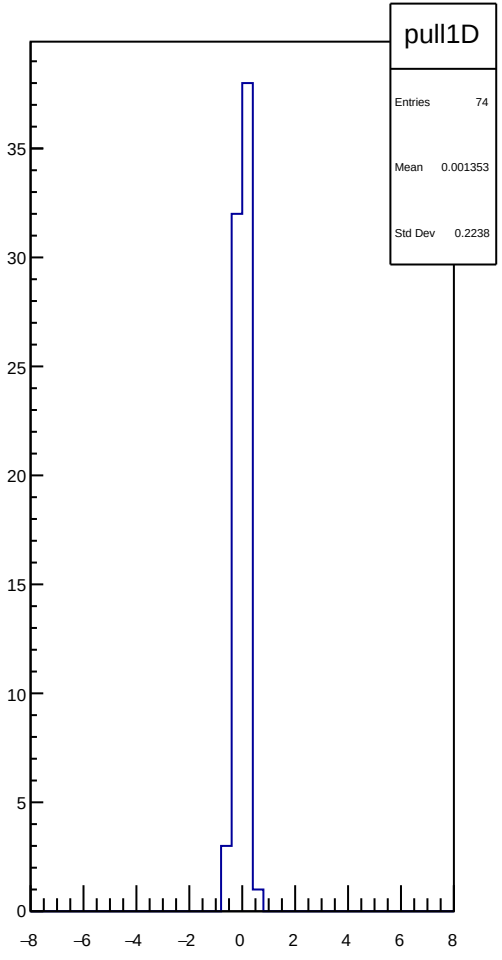

reg_asym_sam_48_avg_diff_bpm4eY_slope vs run
χ² / ndf 4.064 / 73
p0 43.77 ± 5.087
pull
Entries 74
Mean 1735
Std Dev 1696
pull1D
Entries 74
Mean −0.001245
Std Dev 0.2344

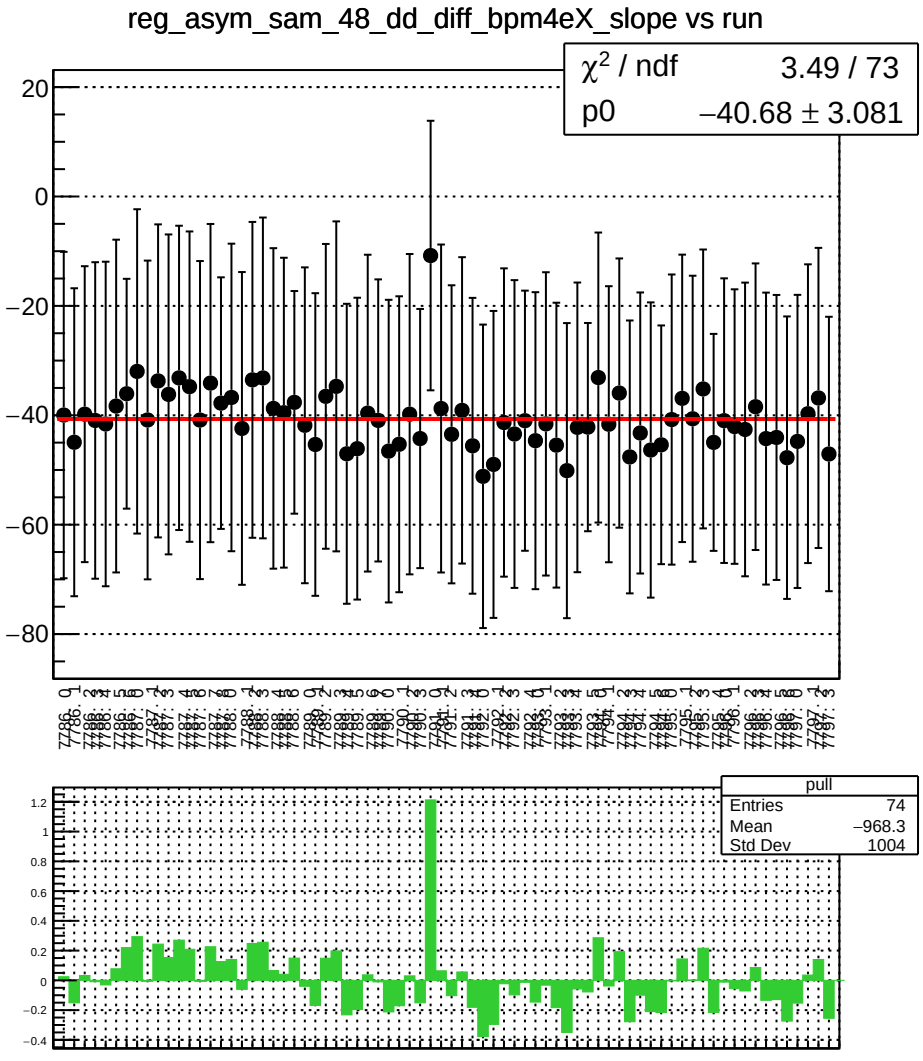

reg_asym_sam_48_avg_diff_bpm12X_slope vs run
χ² / ndf 3.943 / 73
p0 −2.657 ± 0.158
pull
Entries 74
Mean 698.2
Std Dev 659
pull1D
Entries 74
Mean −0.003361
Std Dev 0.2308

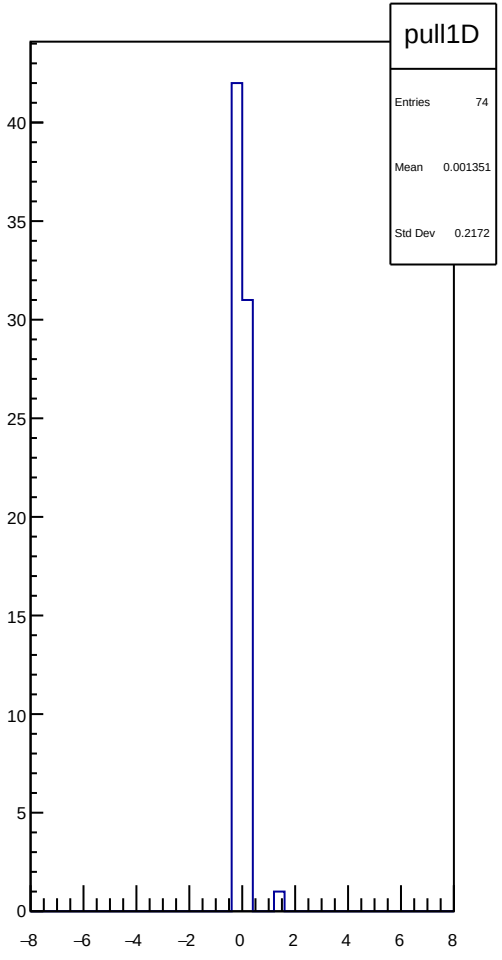

reg_asym_sam_48_dd_diff_bpm1X_slope vs run
χ² / ndf 3.288 / 73
p0 −57.32 ± 3.544
pull
Entries 74
Mean −1272
Std Dev 1309

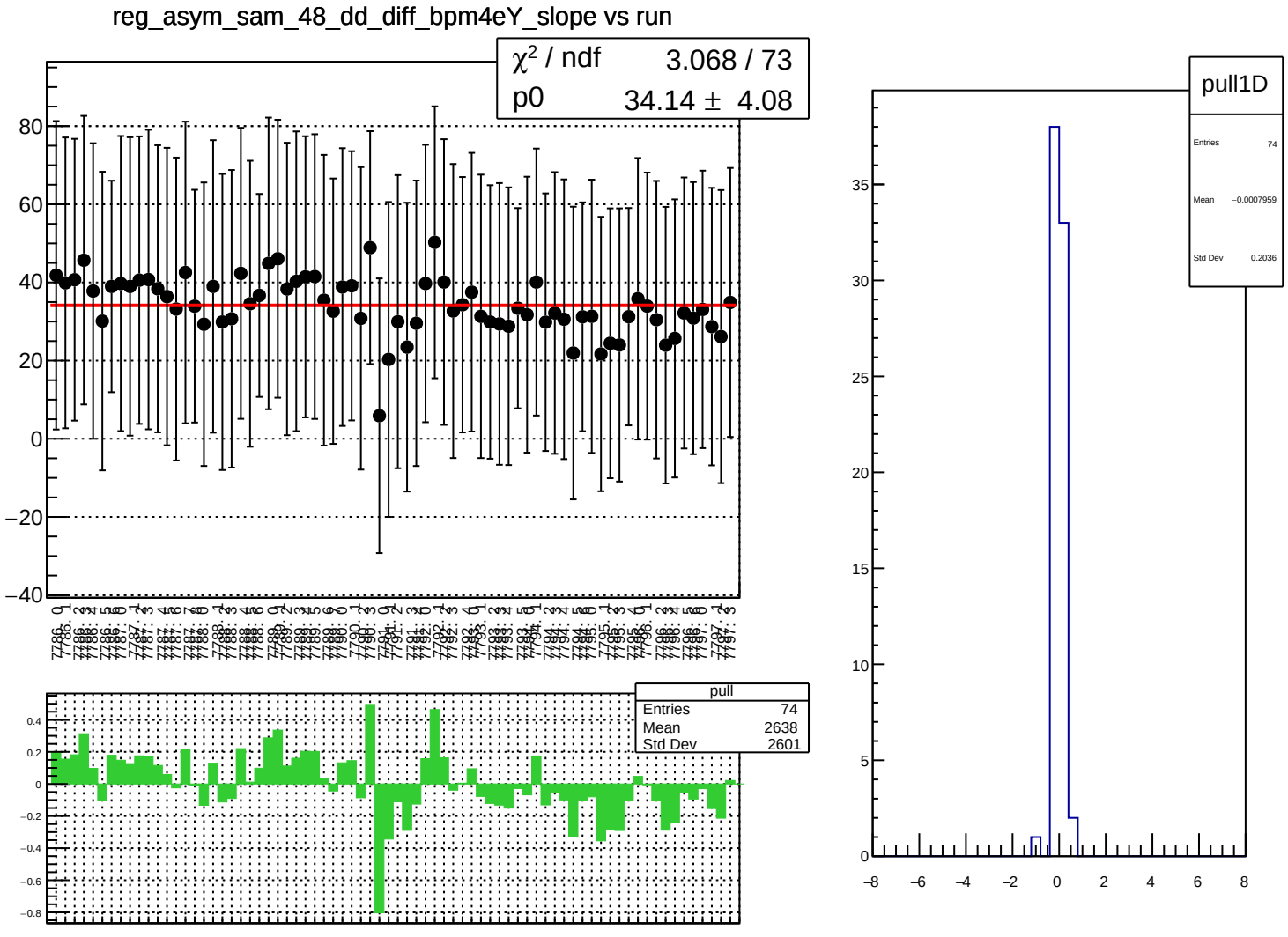

pull1D
Entries 74
Mean −0.0007211
Std Dev 0.2108

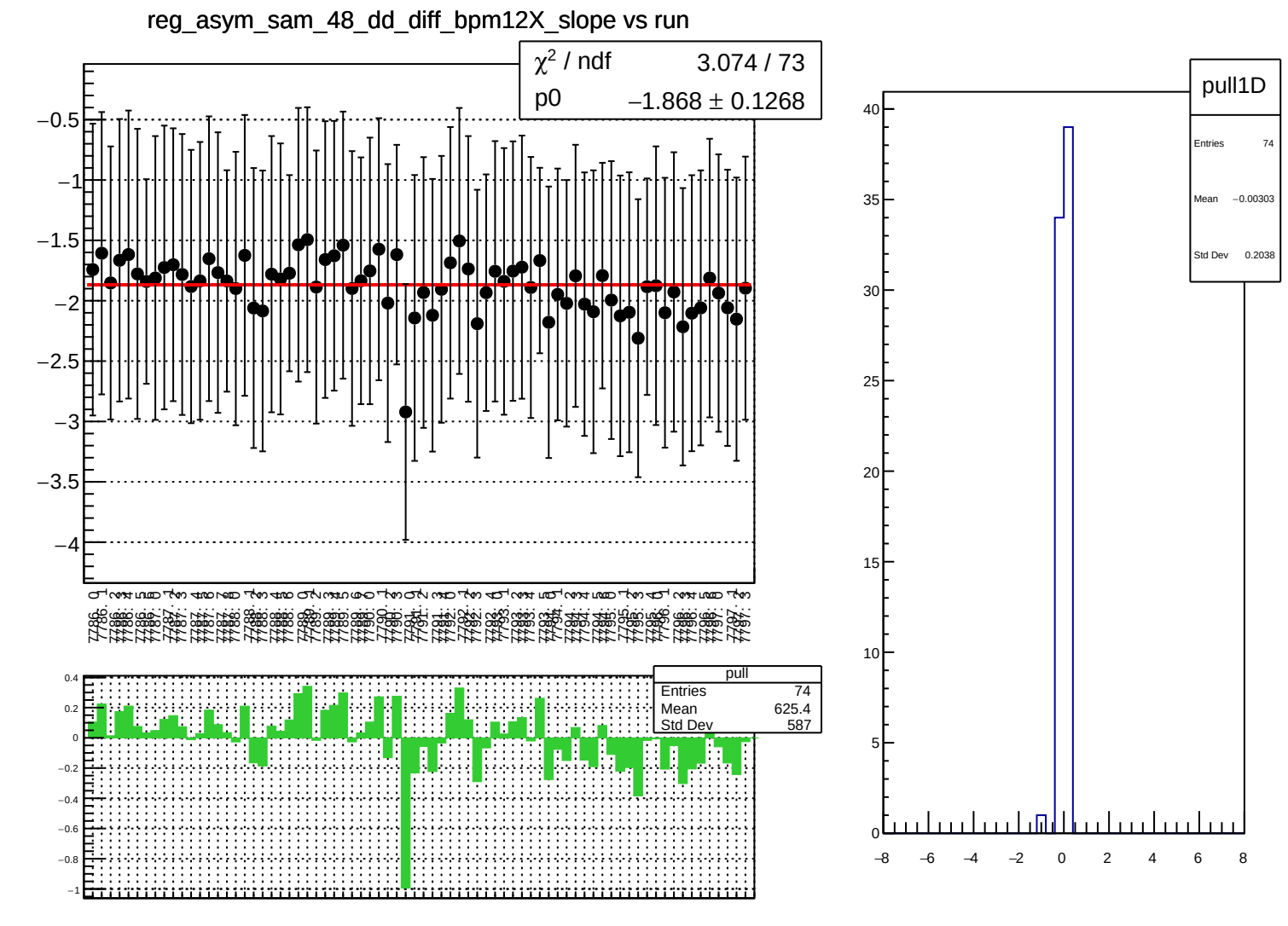

reg_asym_sam_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 3.705 / 73
p0 78.81 ± 3.602
pull
Entries 74
Mean 1815
Std Dev 1776

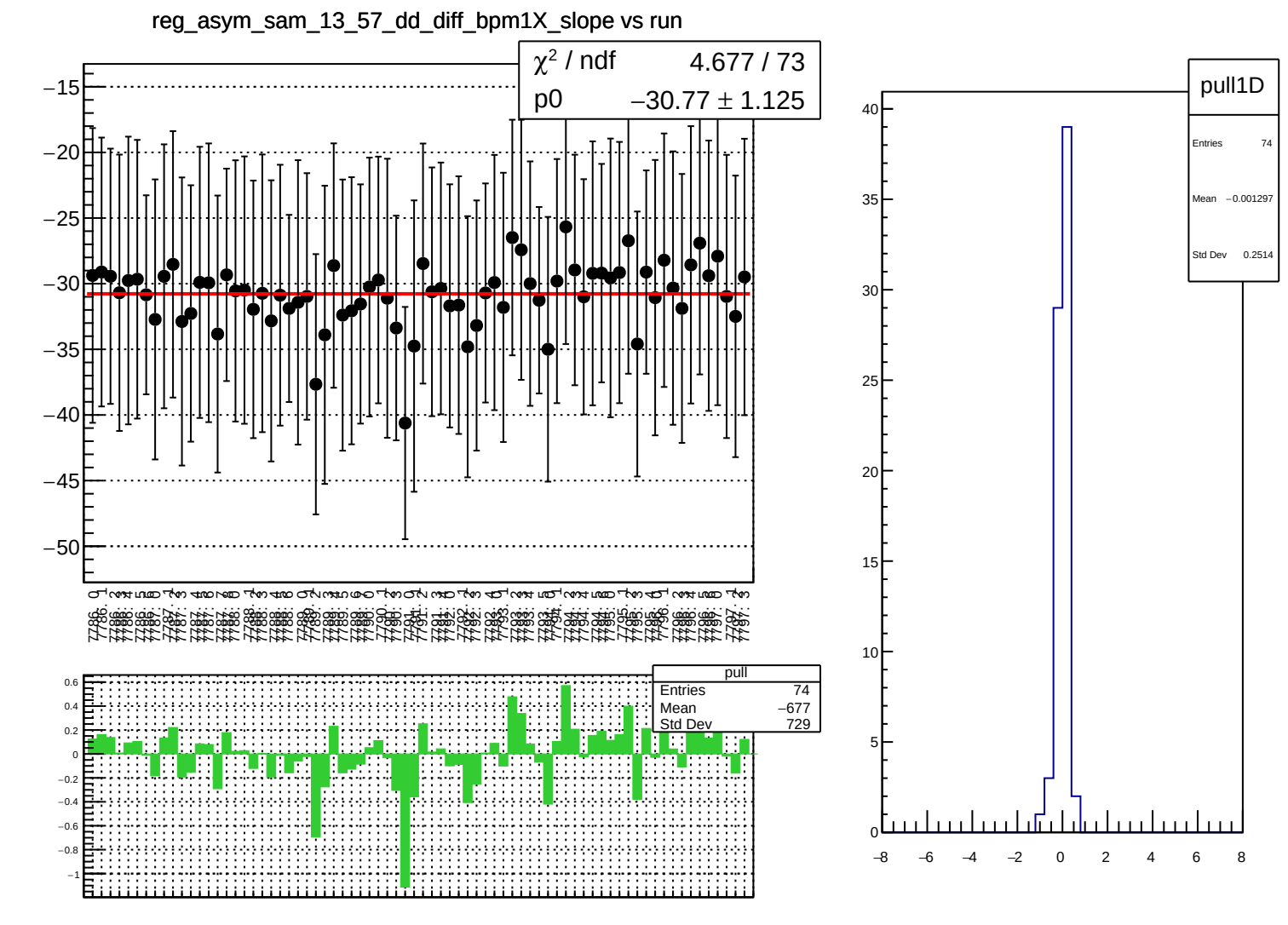

pull1D
Entries 74
Mean 0.001353
Std Dev 0.2238

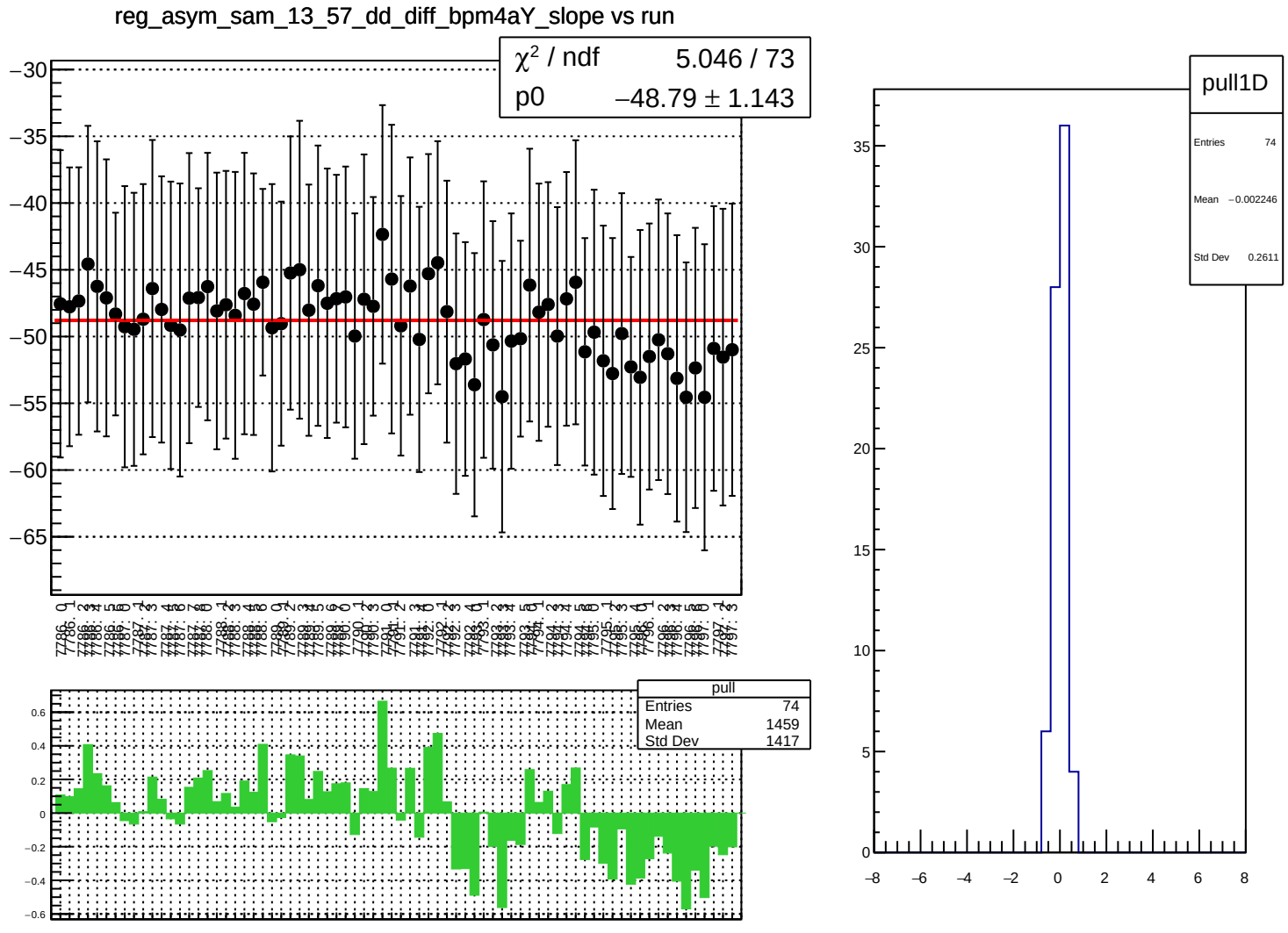

reg_asym_sam_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 3.49 / 73
p0 −40.68 ± 3.081
pull
Entries 74
Mean −968.3
Std Dev 1004

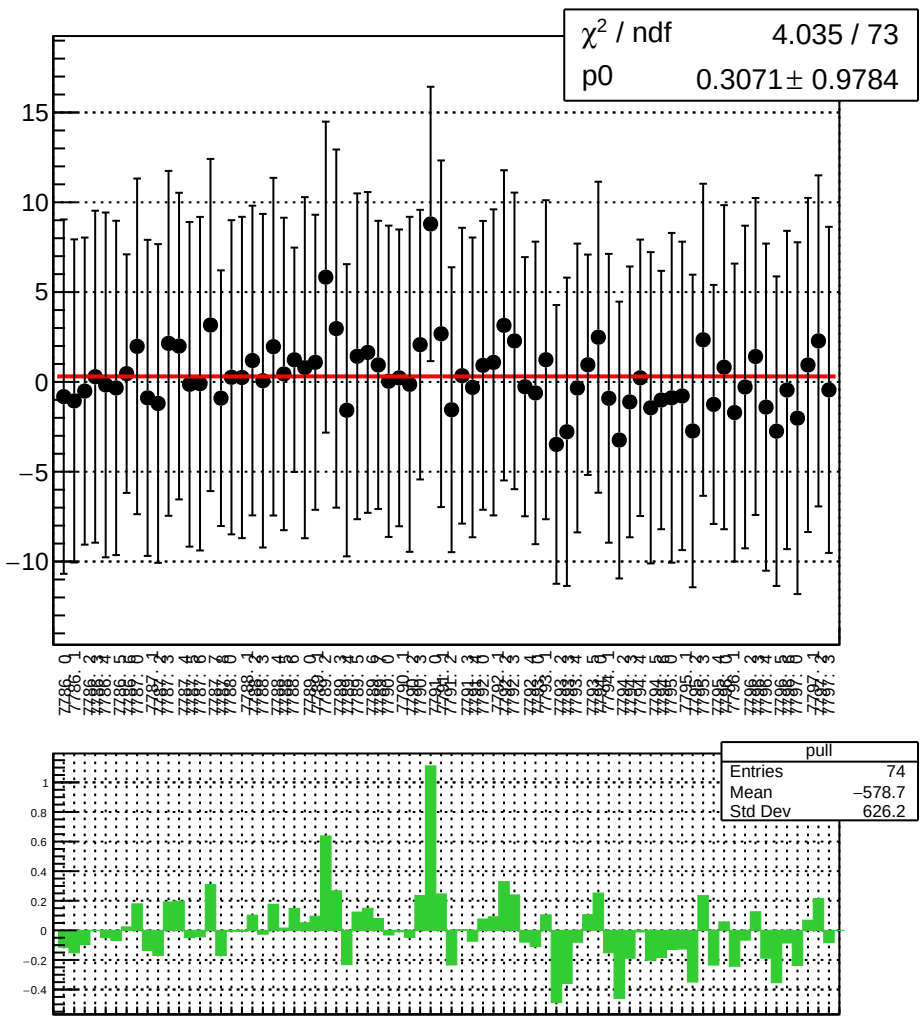

pull1D
Entries 74
Mean 0.001351
Std Dev 0.2172

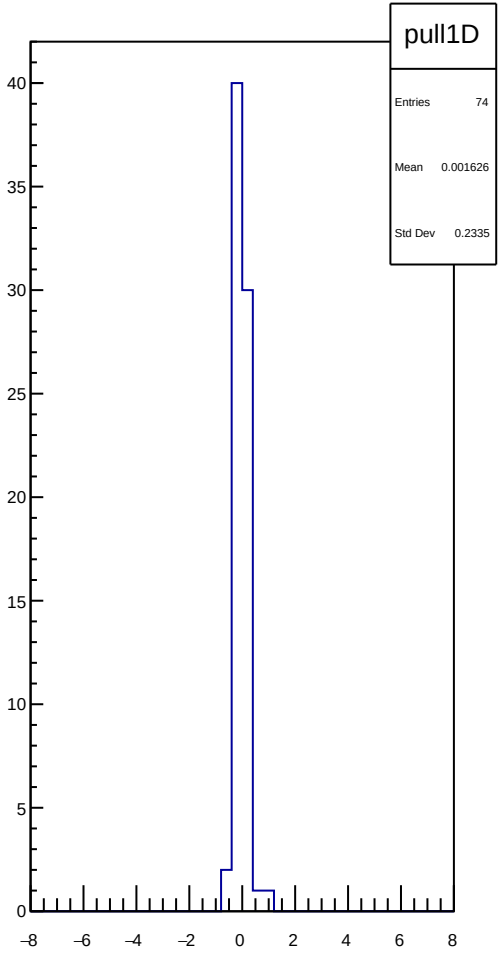

reg_asym_sam_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 3.068 / 73
p0 34.14 ± 4.08
pull
Entries 74
Mean 2638
Std Dev 2601
pull1D
Entries 74
Mean −0.0007959
Std Dev 0.2036

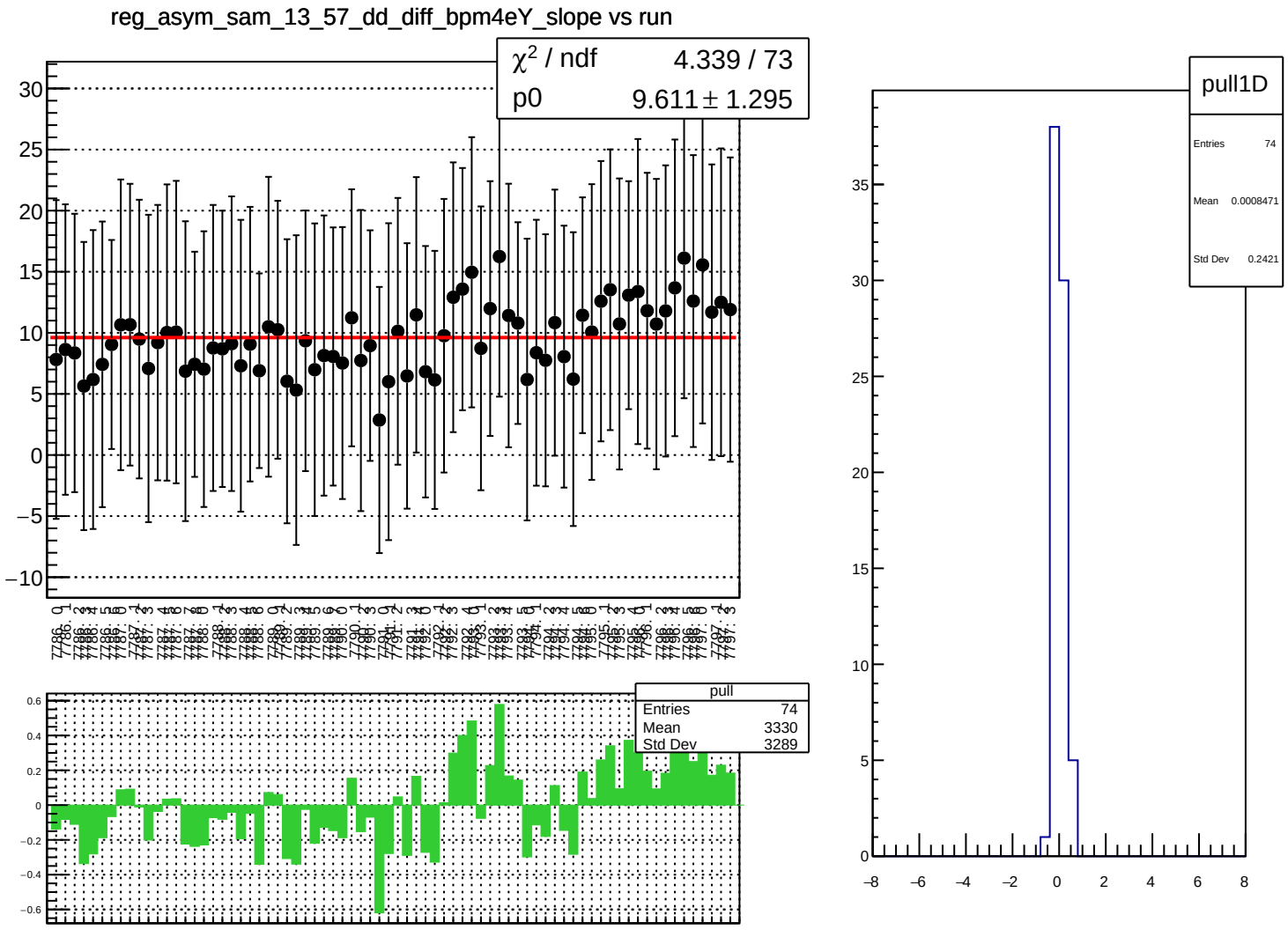

reg_asym_sam_48_dd_diff_bpm12X_slope vs run
χ² / ndf 3.074 / 73
p0 −1.868 ± 0.1268
pull
Entries 74
Mean 625.4
Std Dev 587
pull1D
Entries 74
Mean −0.00303
Std Dev 0.2038

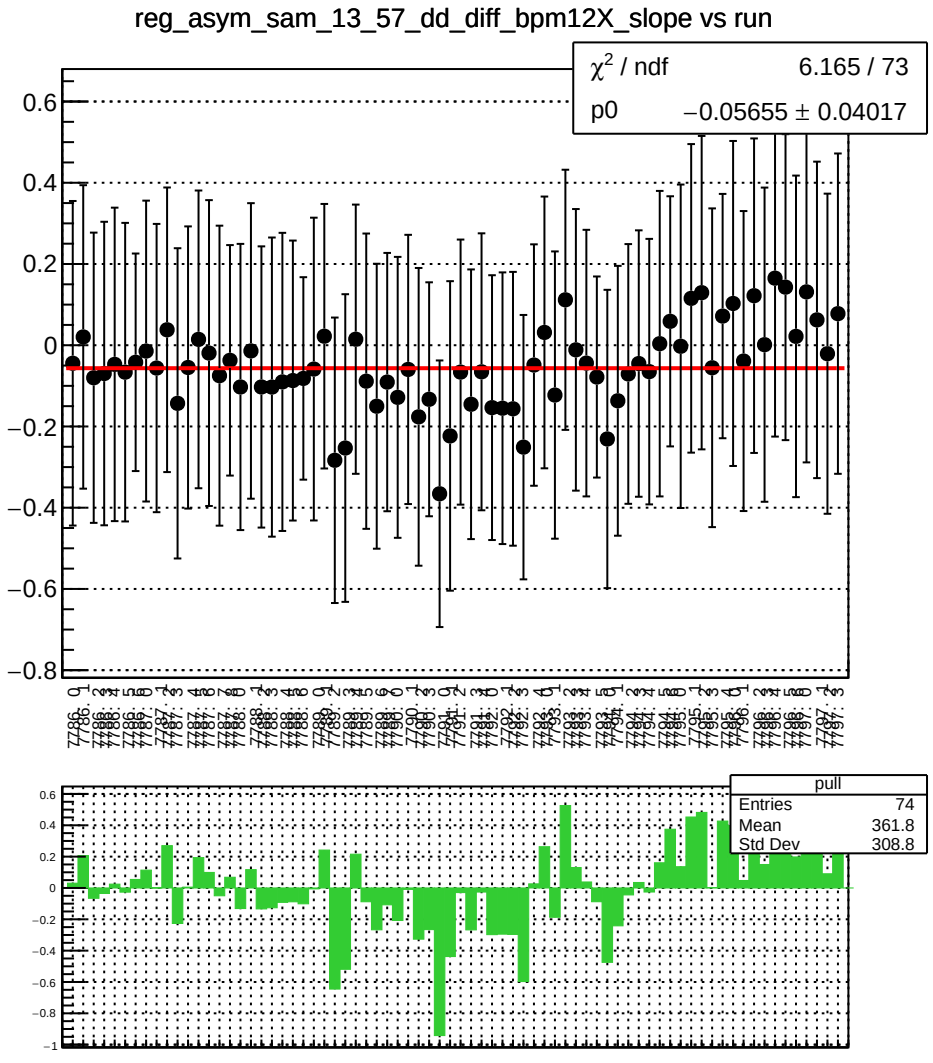

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs run
χ² / ndf 4.677 / 73
p0 −30.77 ± 1.125
pull
Entries 74
Mean −677
Std Dev 729
pull1D
Entries 74
Mean −0.001297
Std Dev 0.2514

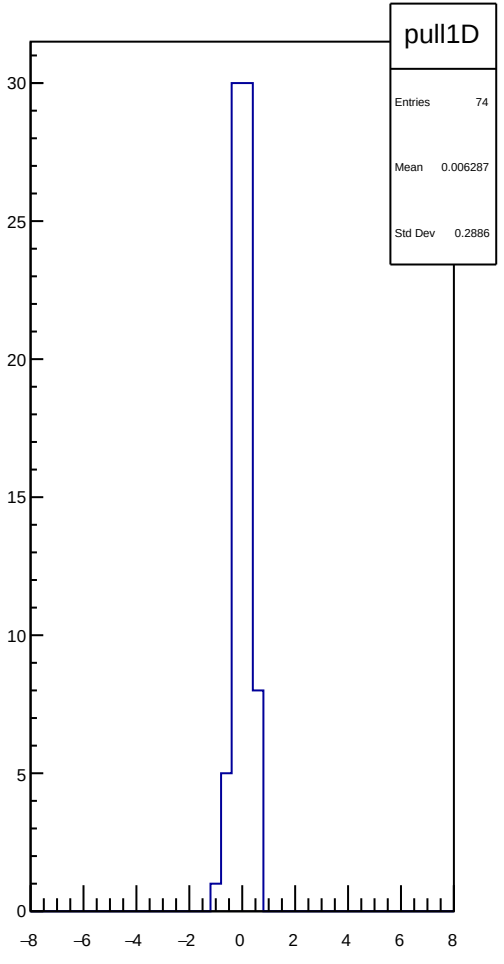

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs run
χ² / ndf 5.046 / 73
p0 −48.79 ± 1.143
pull
Entries 74
Mean 1459
Std Dev 1417
pull1D
Entries 74
Mean −0.002246
Std Dev 0.2611

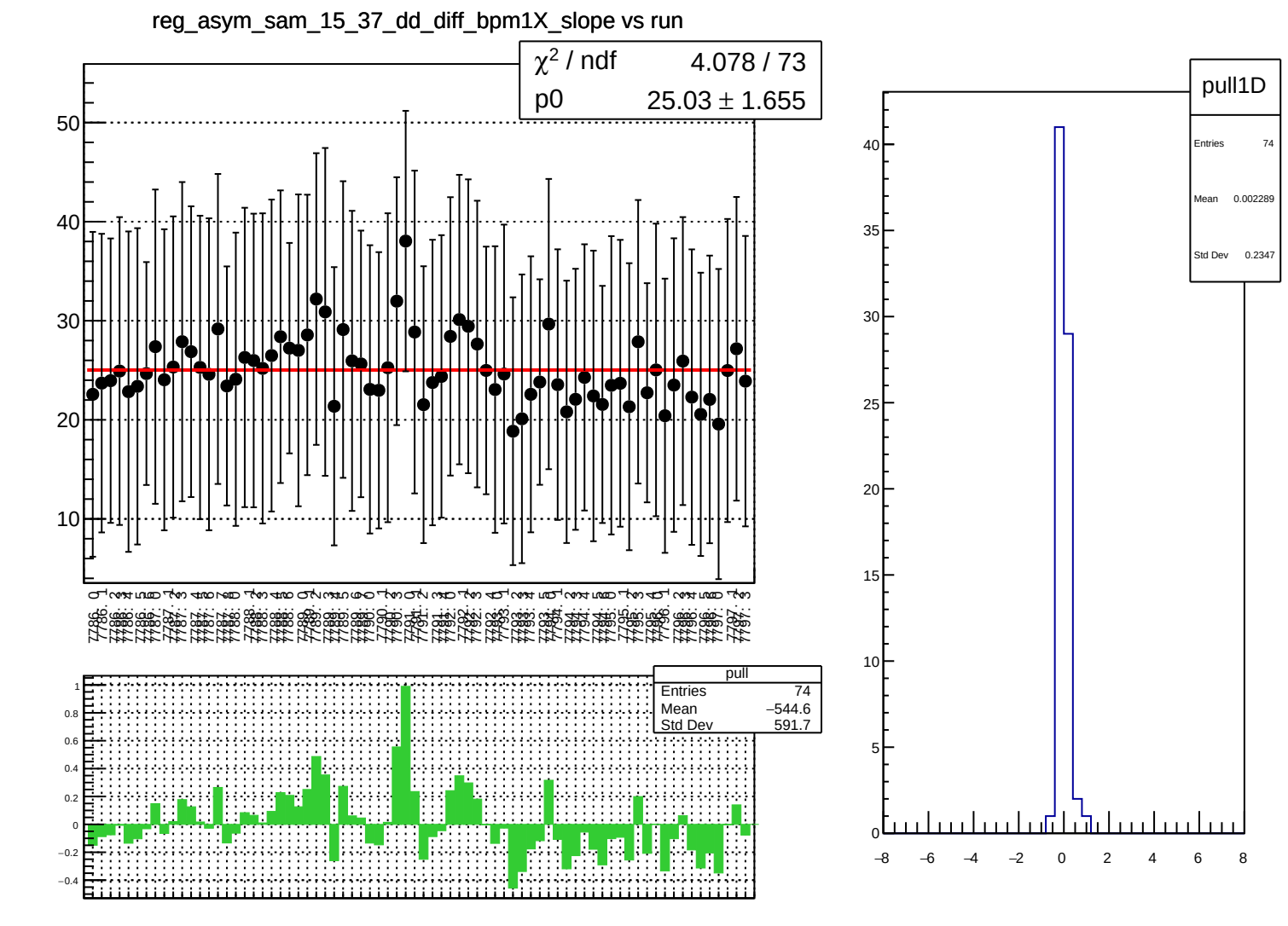

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs run
χ² / ndf 4.035 / 73
p0 0.3071± 0.9784
pull
Entries 74
Mean −578.7
Std Dev 626.2

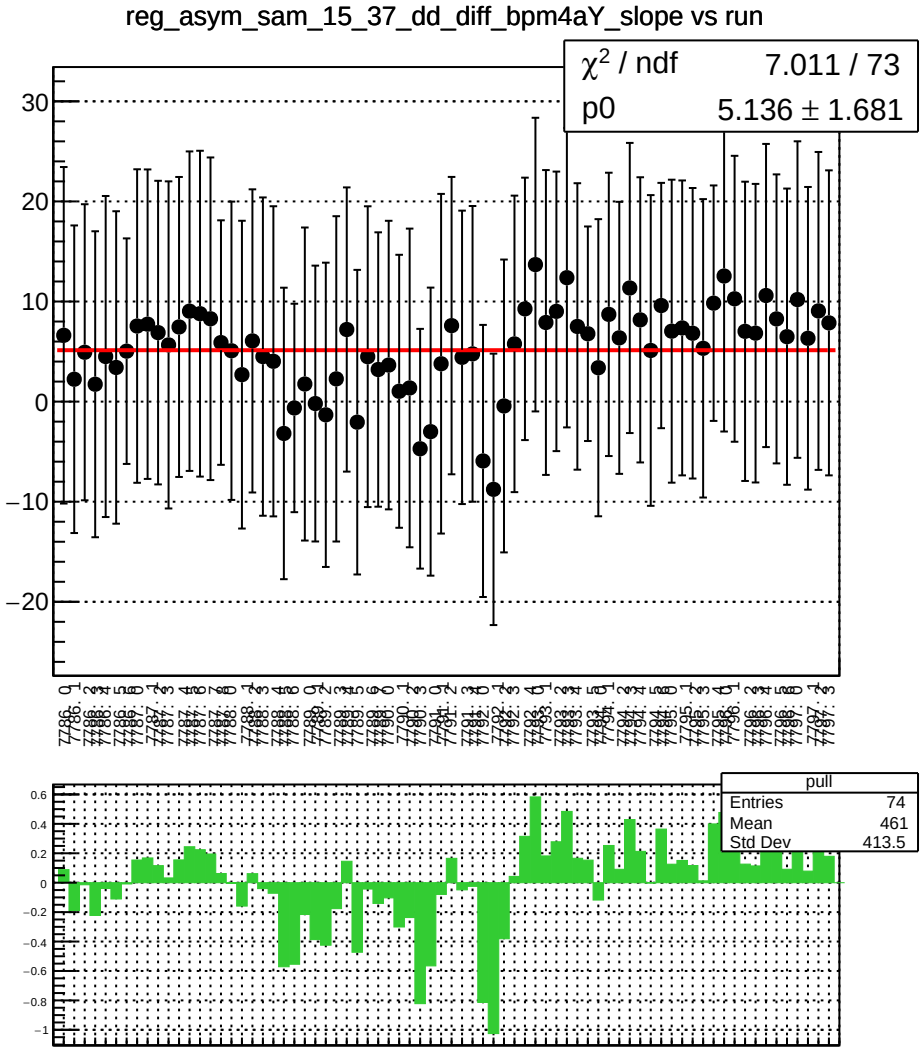

pull1D
Entries 74
Mean 0.001626
Std Dev 0.2335

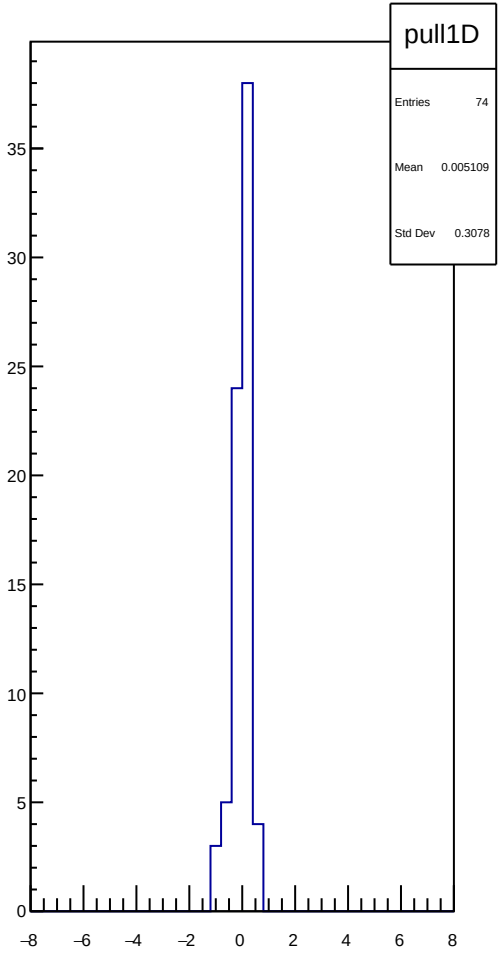

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs run
χ² / ndf 4.339 / 73
p0 9.611 ± 1.295
pull
Entries 74
Mean 3330
Std Dev 3289
pull1D
Entries 74
Mean 0.0008471
Std Dev 0.2421

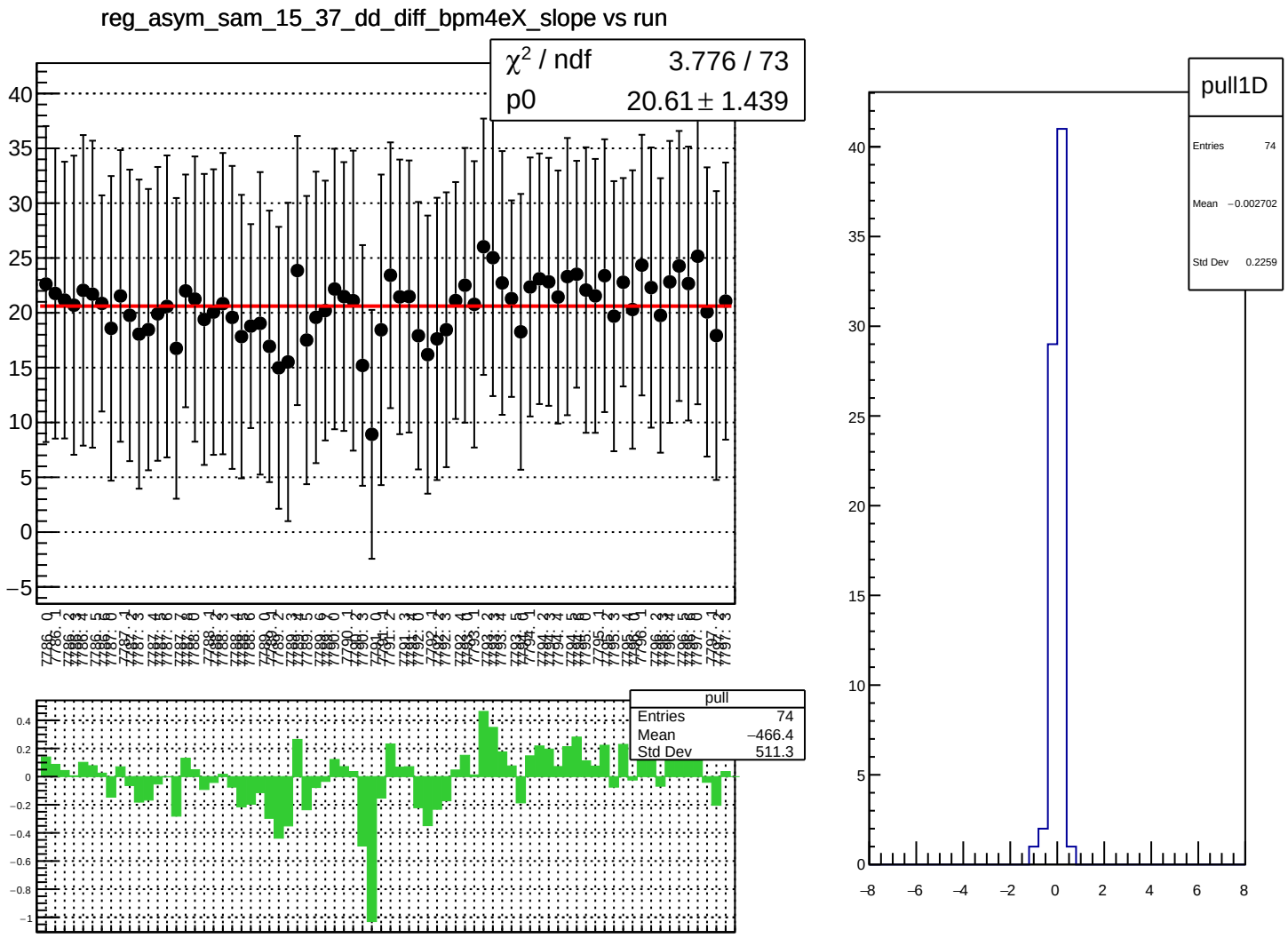

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs run
χ² / ndf 6.165 / 73
p0 −0.05655 ± 0.04017
pull
Entries 74
Mean 361.8
Std Dev 308.8

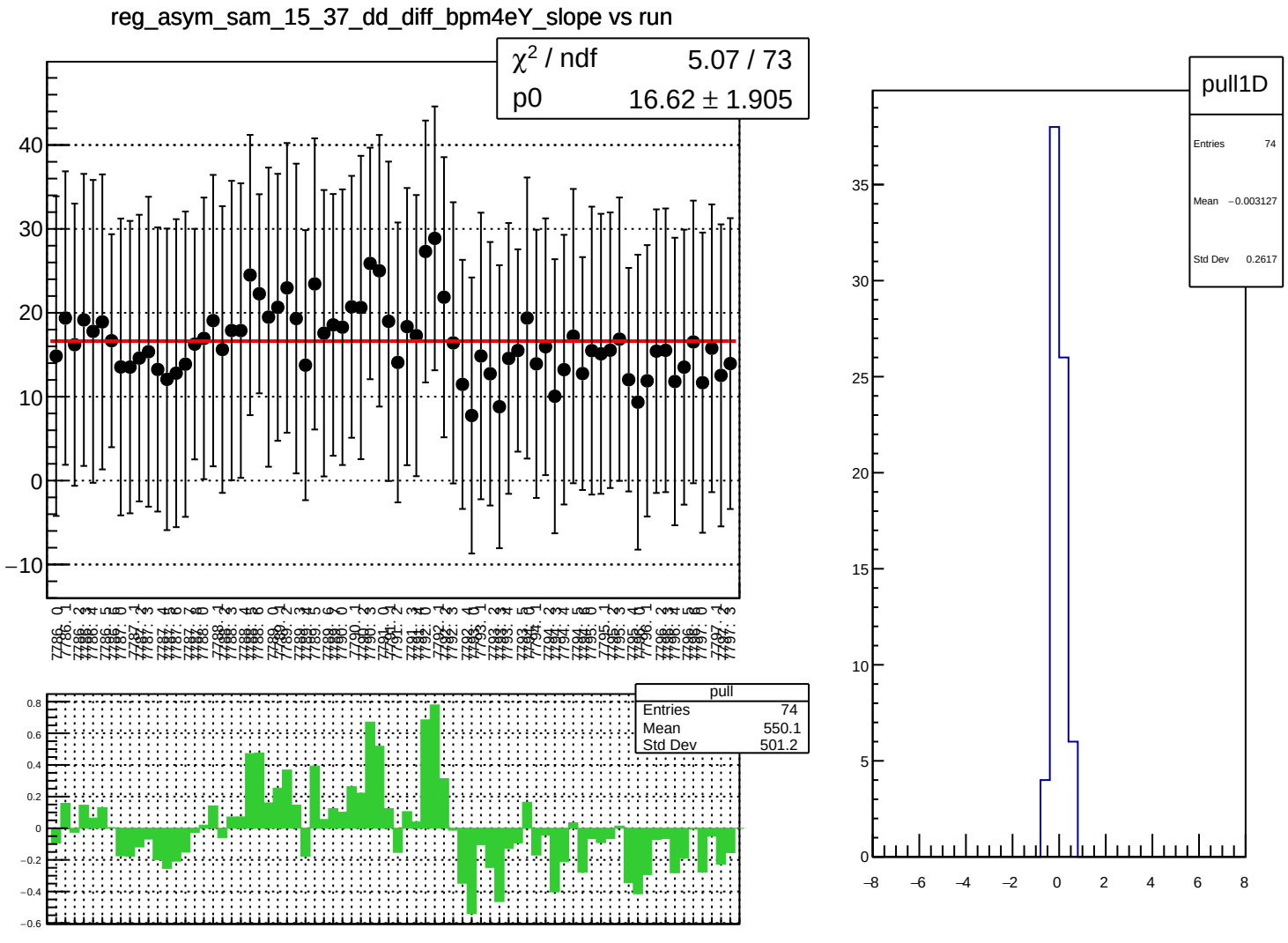

pull1D
Entries 74
Mean 0.006287
Std Dev 0.2886

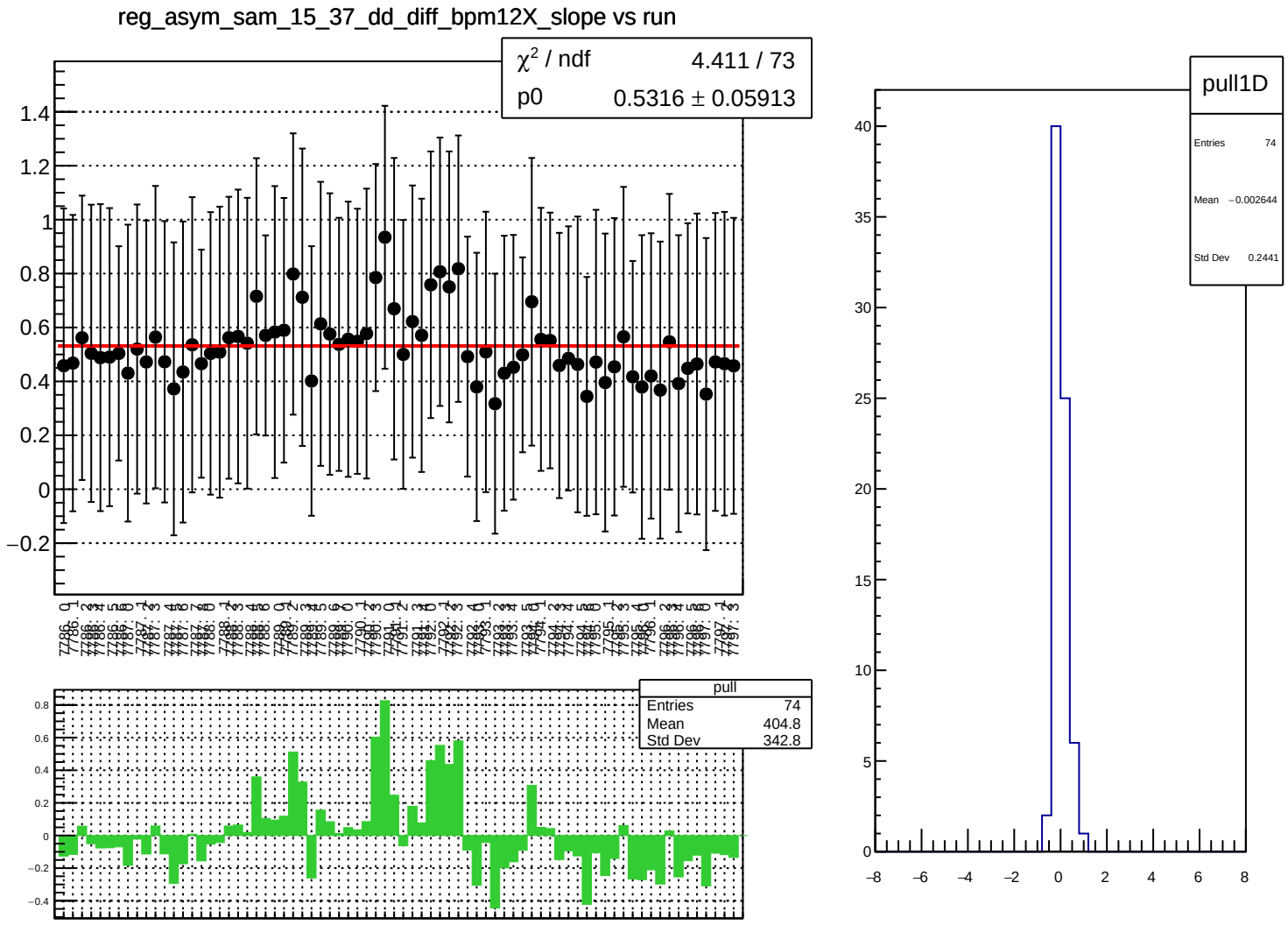

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs run
χ² / ndf 4.078 / 73
p0 25.03 ± 1.655
pull
Entries 74
Mean −544.6
Std Dev 591.7
pull1D
Entries 74
Mean 0.002289
Std Dev 0.2347

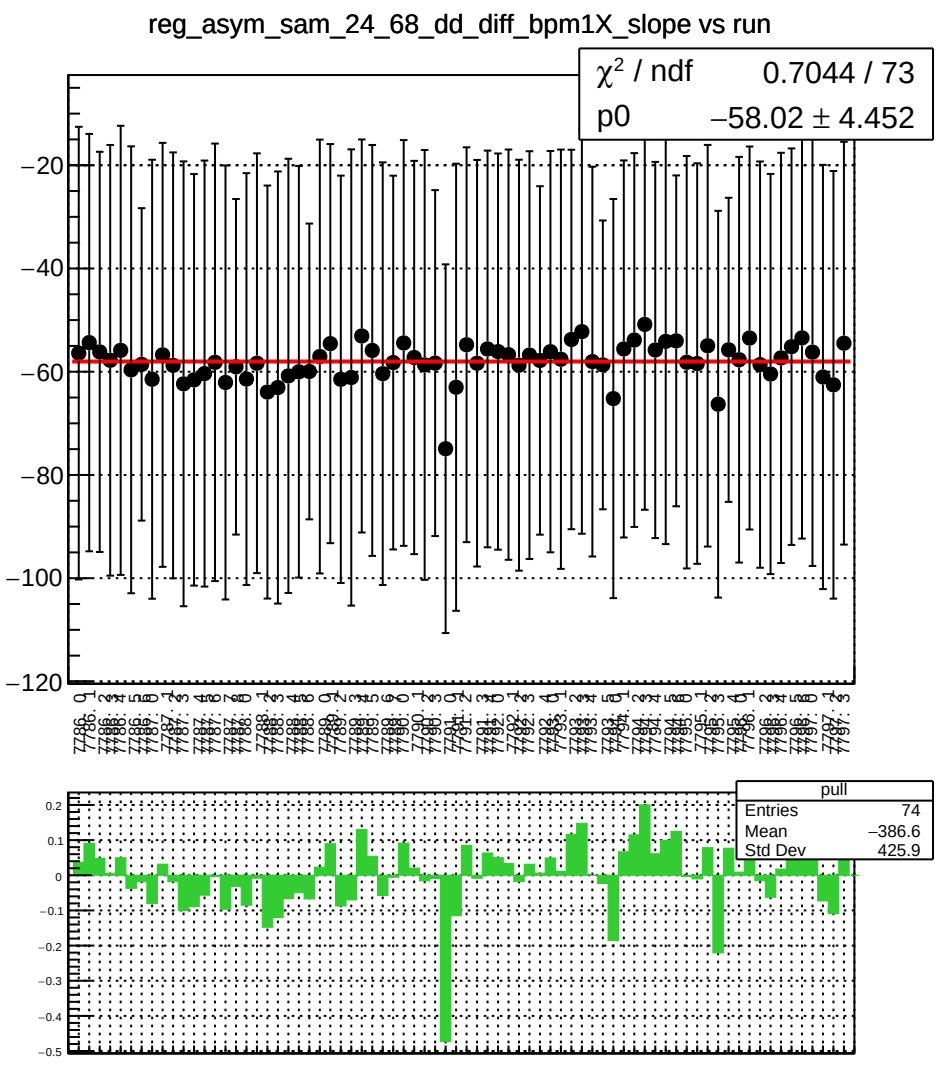

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs run
χ² / ndf 7.011 / 73
p0 5.136 ± 1.681
pull
Entries 74
Mean 461
Std Dev 413.5

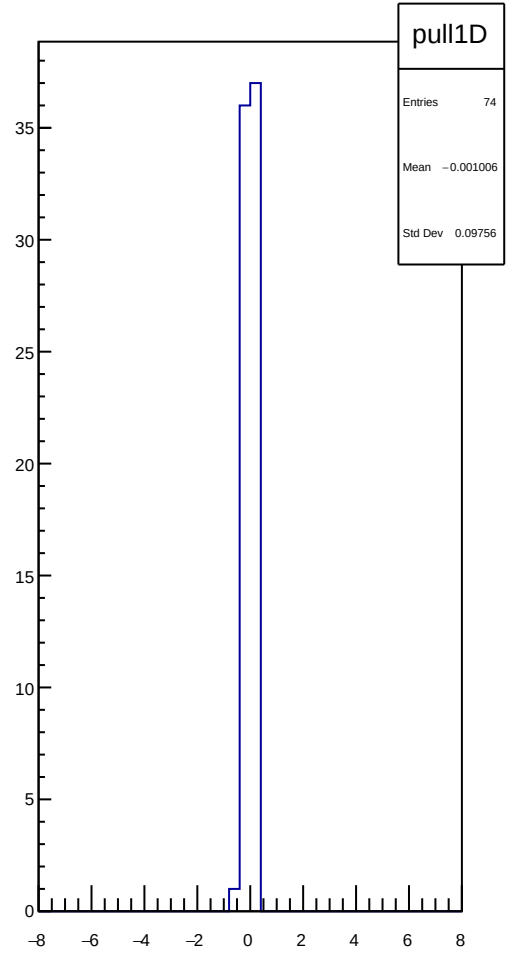

pull1D
Entries 74
Mean 0.005109
Std Dev 0.3078

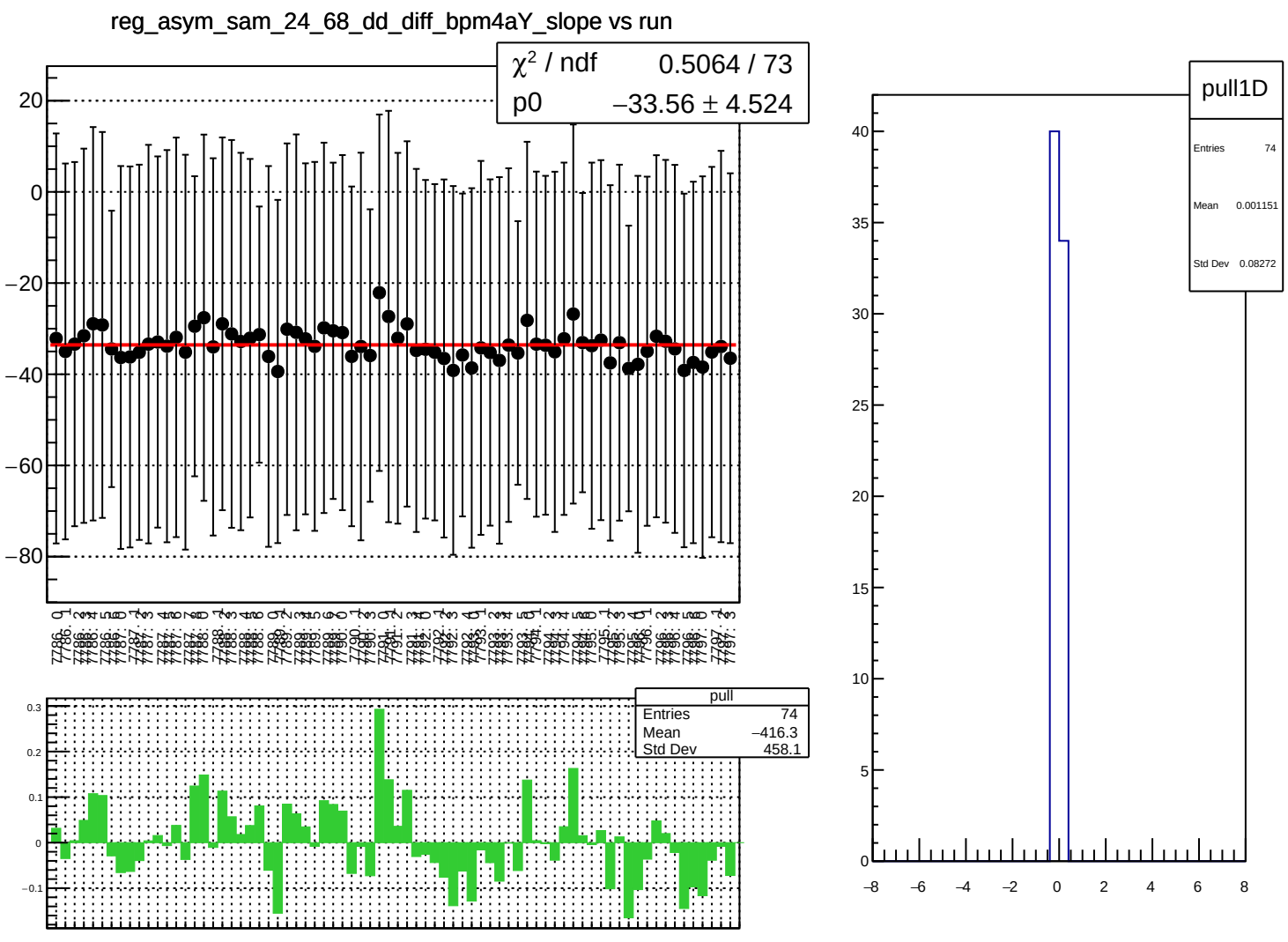

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs run
χ² / ndf 3.776 / 73
p0 20.61 ± 1.439
pull
Entries 74
Mean −466.4
Std Dev 511.3
pull1D
Entries 74
Mean −0.002702
Std Dev 0.2259

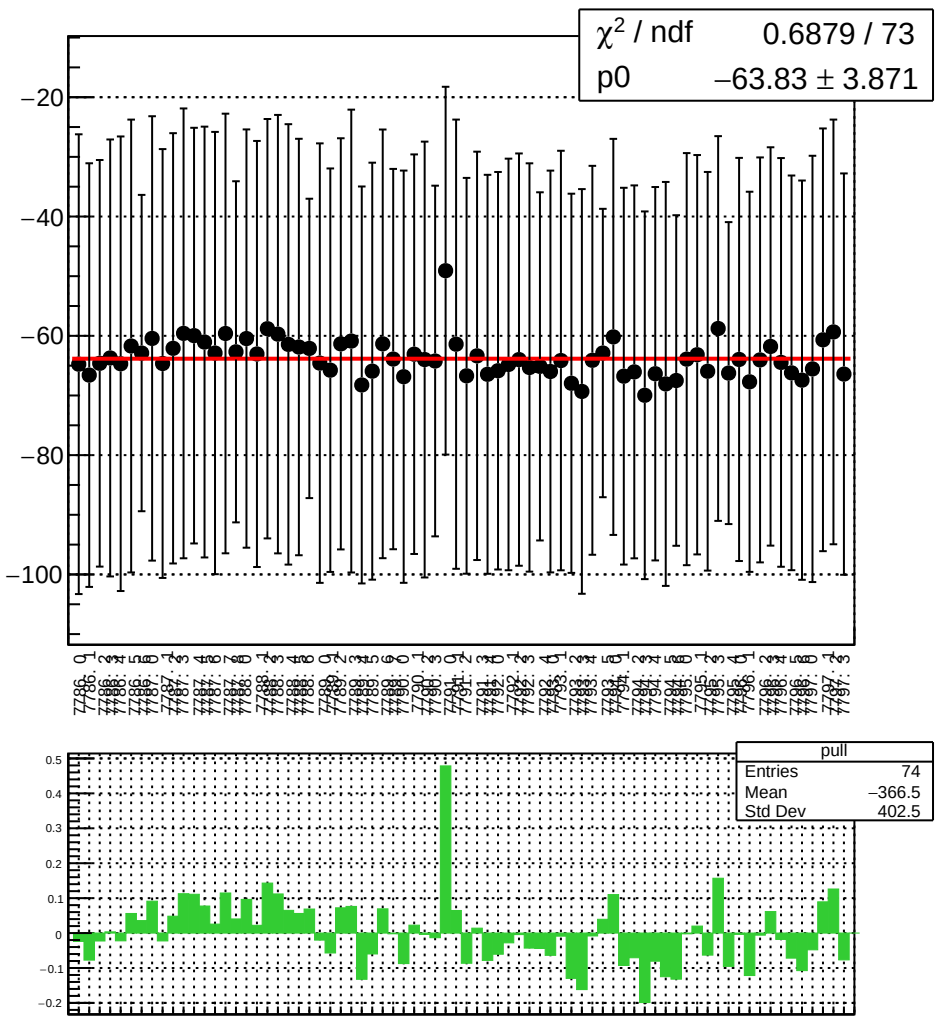

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs run
χ² / ndf 5.07 / 73
p0 16.62 ± 1.905
pull
Entries 74
Mean 550.1
Std Dev 501.2
pull1D
Entries 74
Mean −0.003127
Std Dev 0.2617

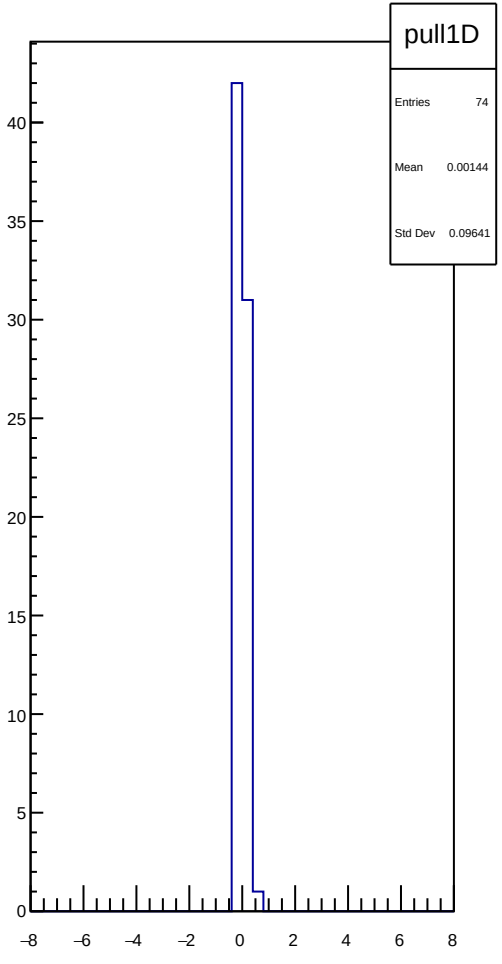

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs run
χ² / ndf 4.411 / 73
p0 0.5316 ± 0.05913
pull
Entries 74
Mean 404.8
Std Dev 342.8
pull1D
Entries 74
Mean −0.002644
Std Dev 0.2441

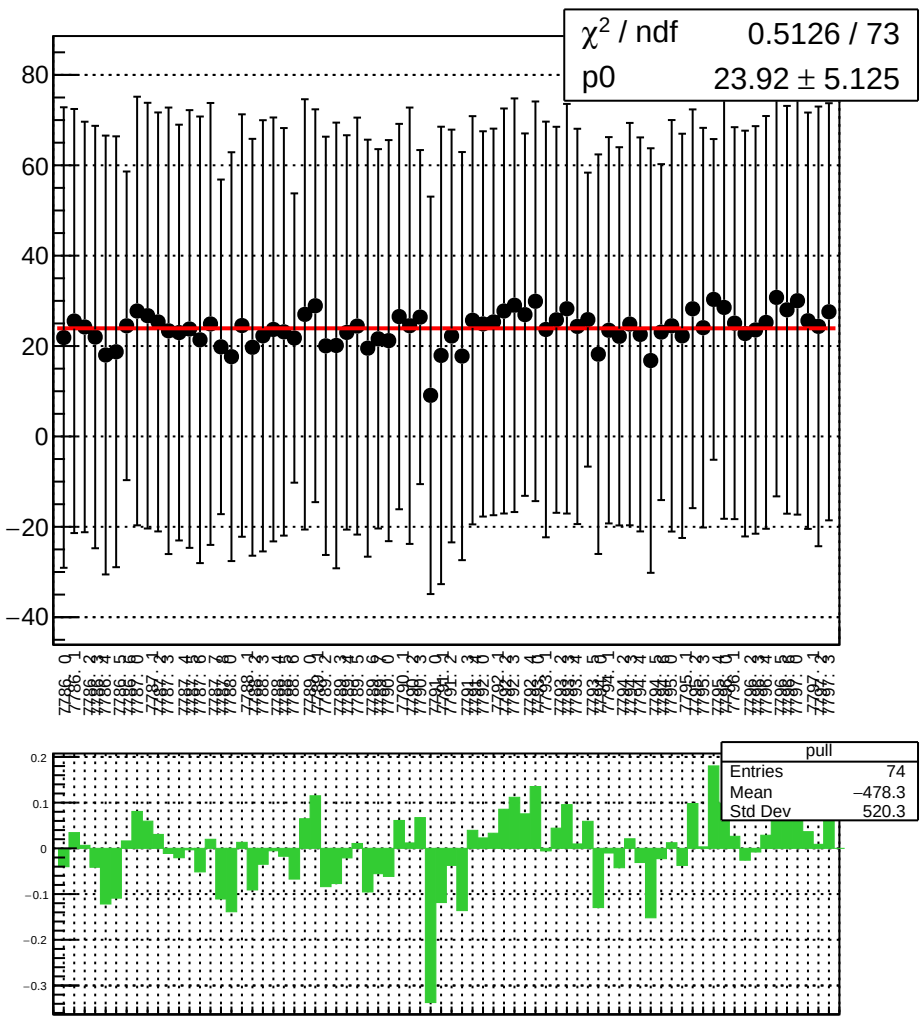

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs run
χ² / ndf 0.7044 / 73
p0 −58.02 ± 4.452
pull
Entries 74
Mean −386.6
Std Dev 425.9

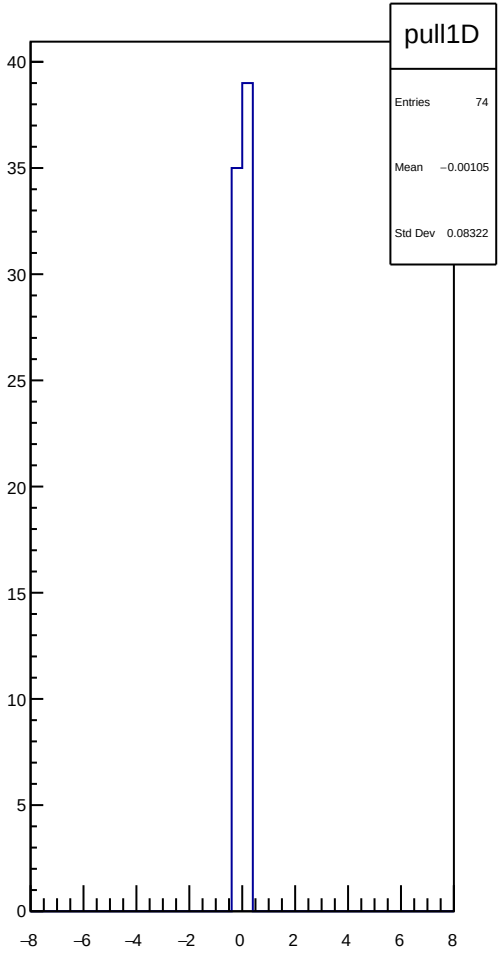

pull1D
Entries 74
Mean −0.001006
Std Dev 0.09756

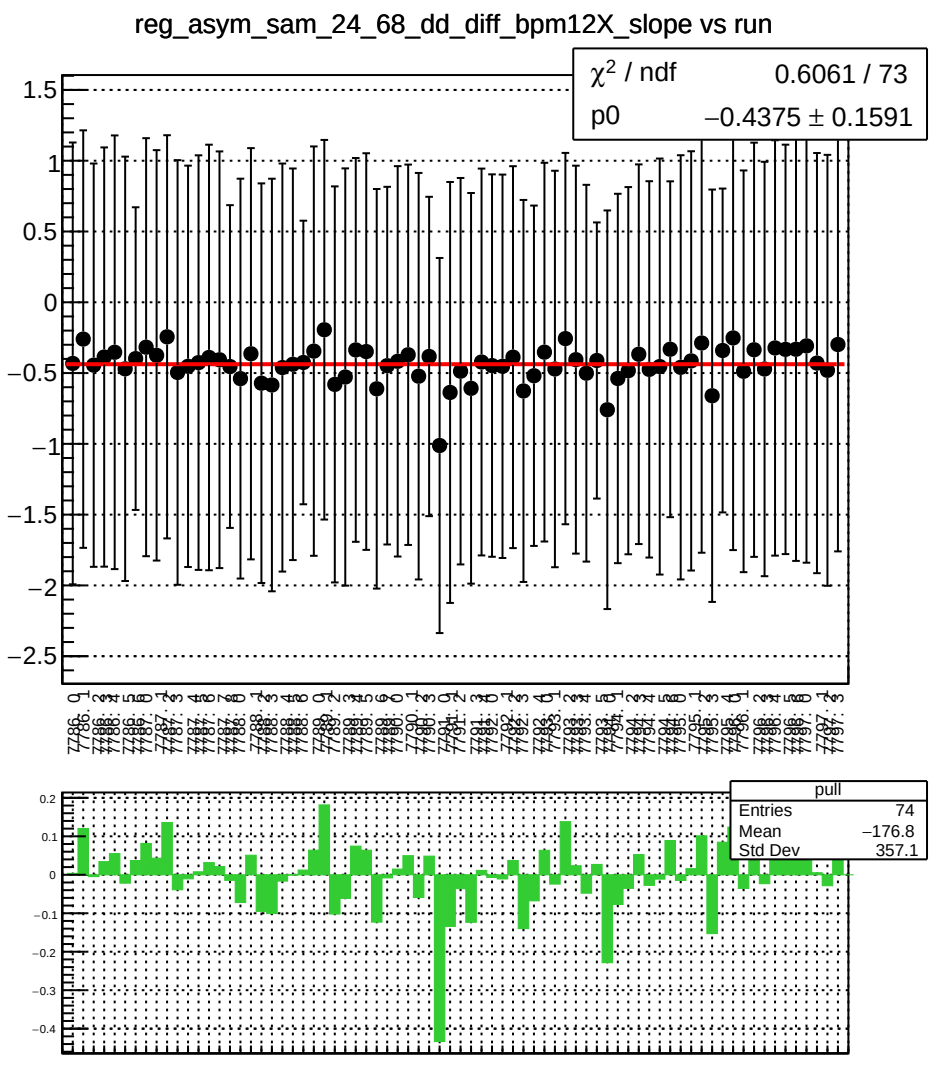

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs run
χ² / ndf 0.5064 / 73
p0 −33.56 ± 4.524
pull
Entries 74
Mean −416.3
Std Dev 458.1
pull1D
Entries 74
Mean 0.001151
Std Dev 0.08272

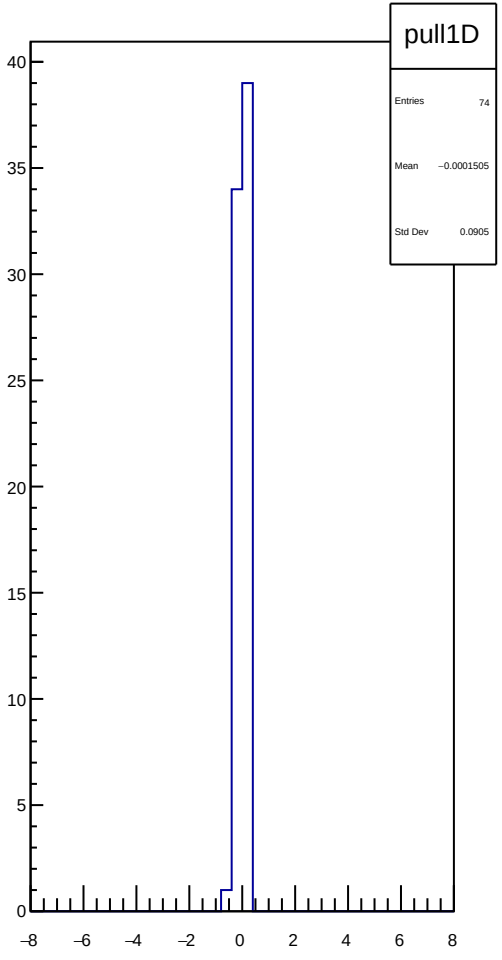

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs run
χ² / ndf 0.6879 / 73
p0 −63.83 ± 3.871
pull
Entries 74
Mean −366.5
Std Dev 402.5

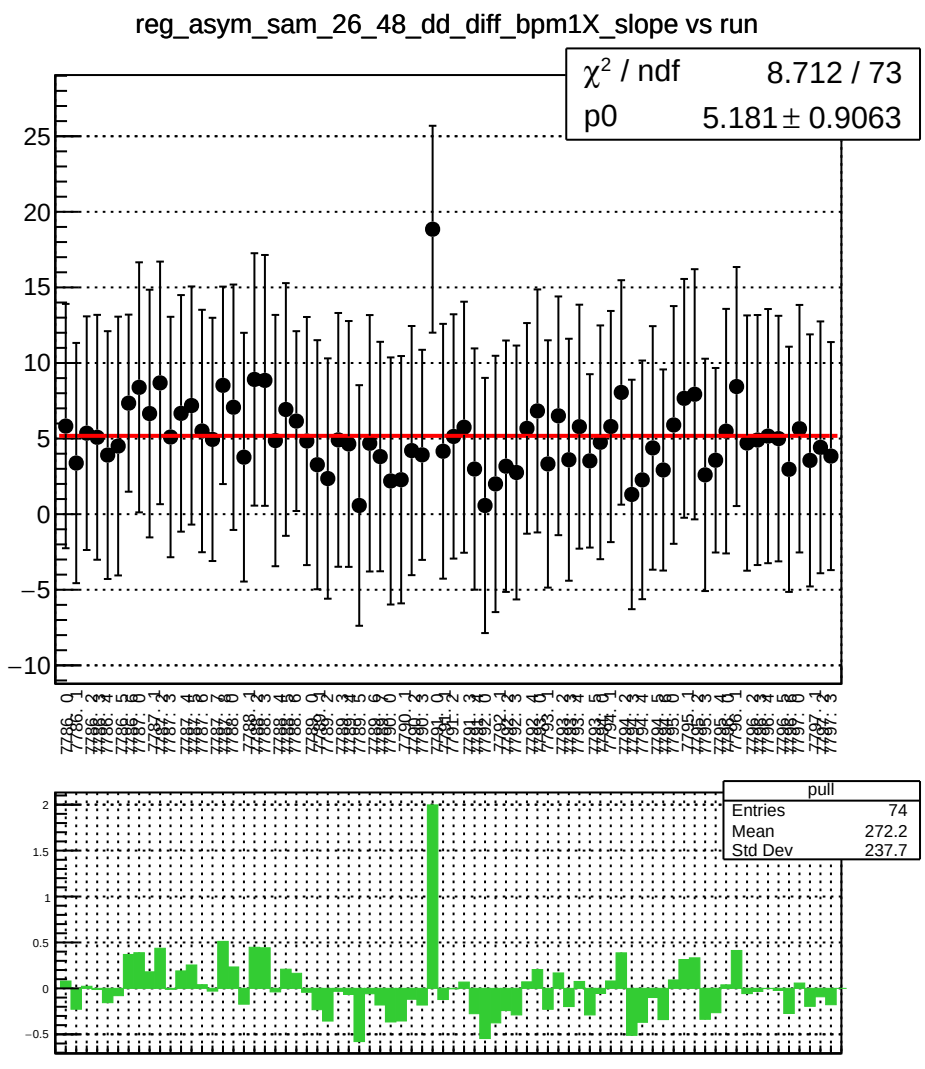

pull1D
Entries 74
Mean 0.00144
Std Dev 0.09641

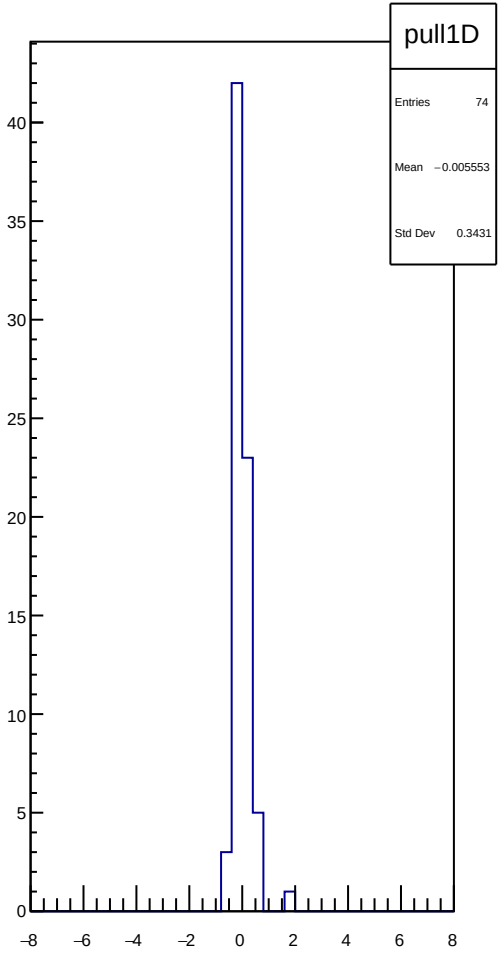

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs run
χ² / ndf 0.5126 / 73
p0 23.92 ± 5.125
pull
Entries 74
Mean −478.3
Std Dev 520.3

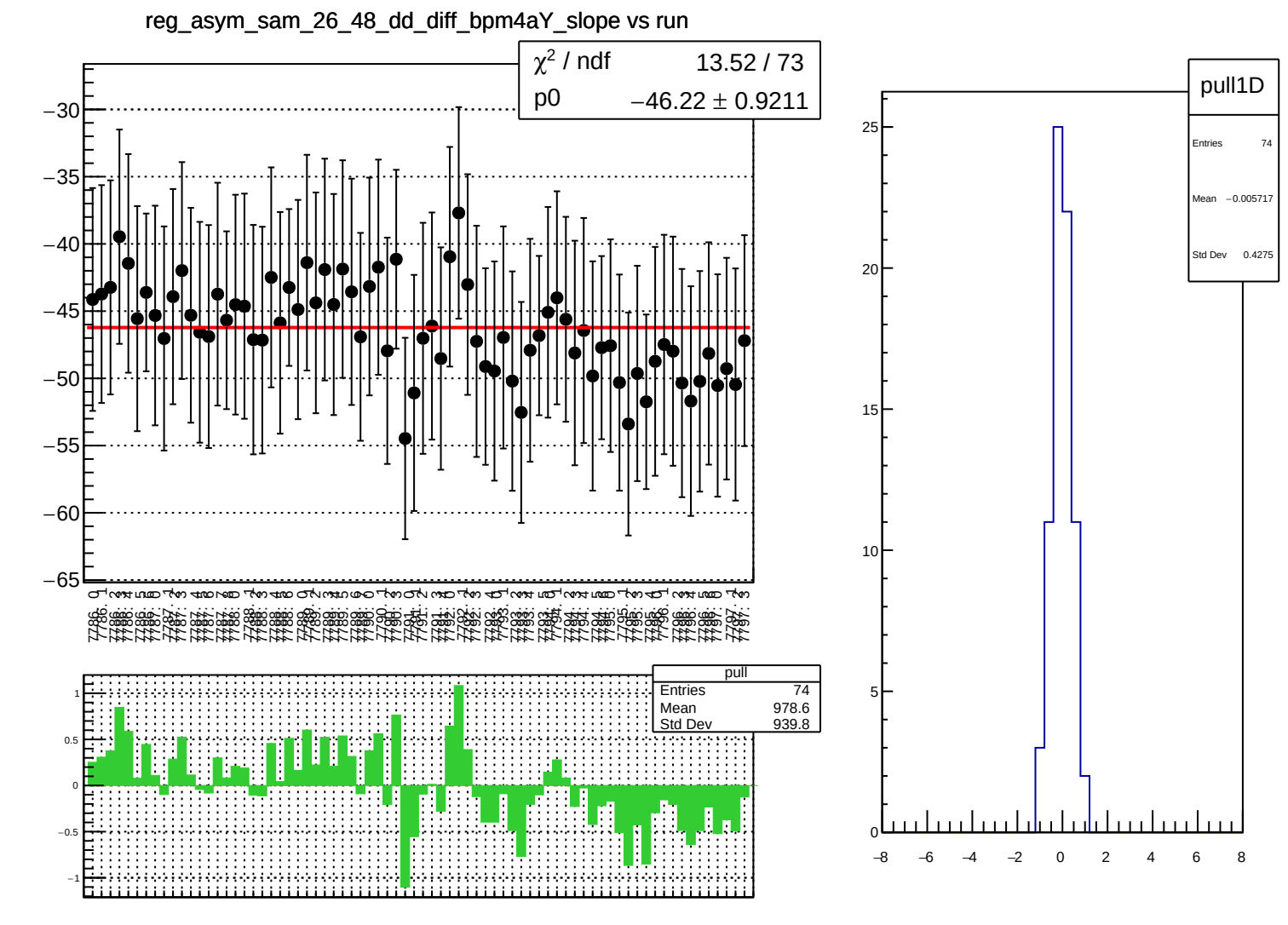

pull1D
Entries 74
Mean −0.00105
Std Dev 0.08322

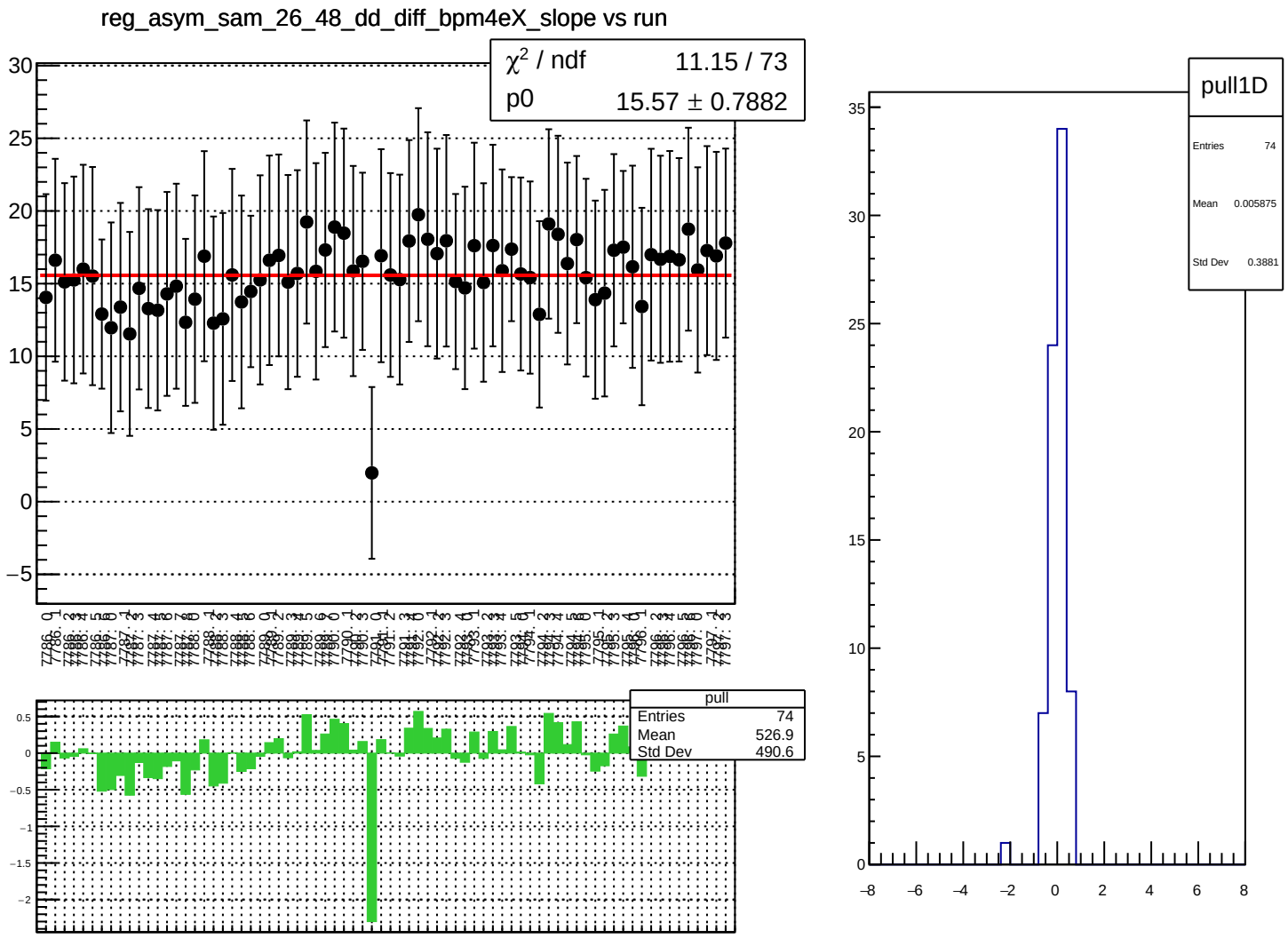

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs run
χ² / ndf 0.6061 / 73
p0 −0.4375 ± 0.1591
pull
Entries 74
Mean −176.8
Std Dev 357.1

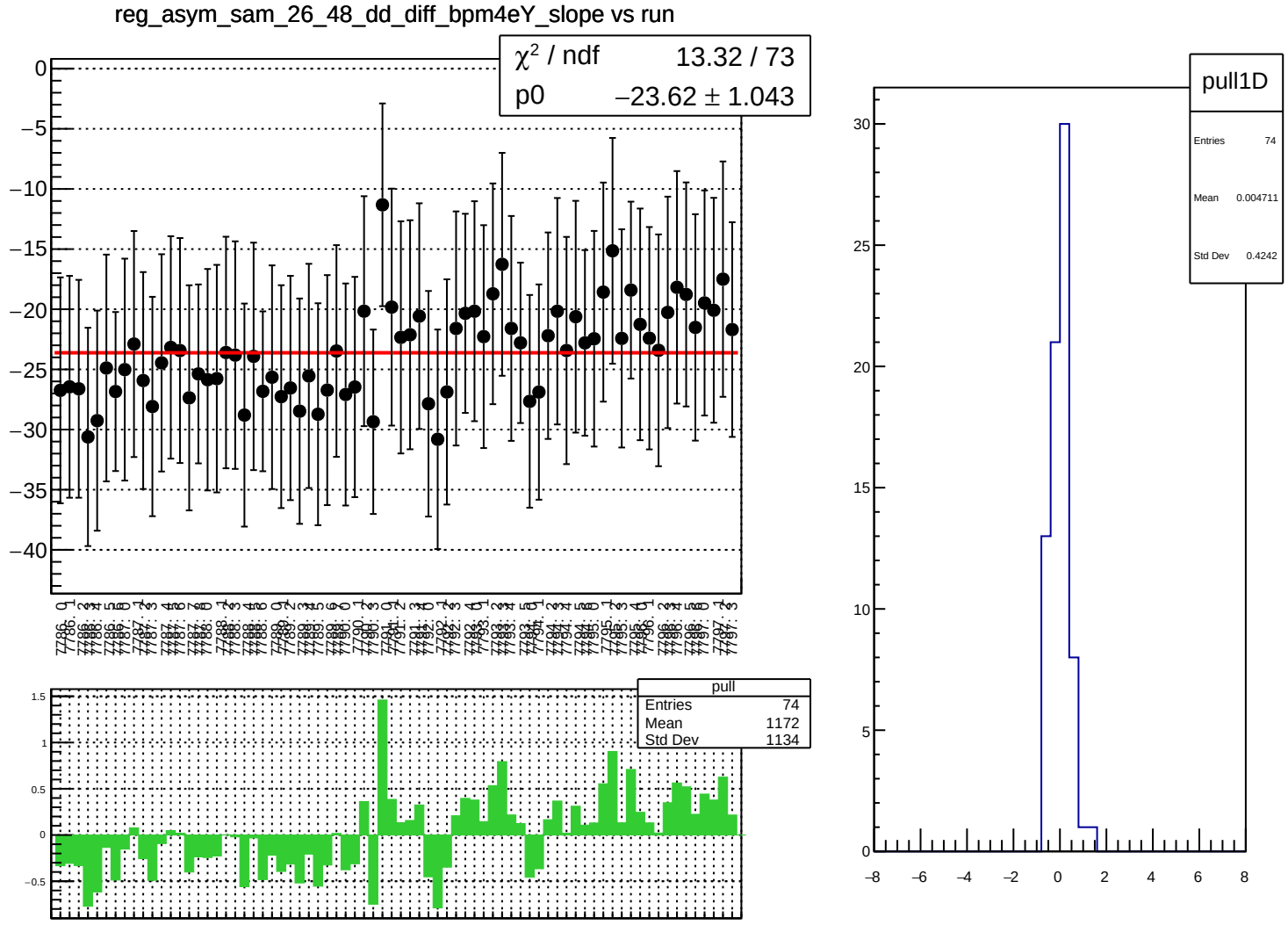

pull1D
Entries 74
Mean −0.0001505
Std Dev 0.0905

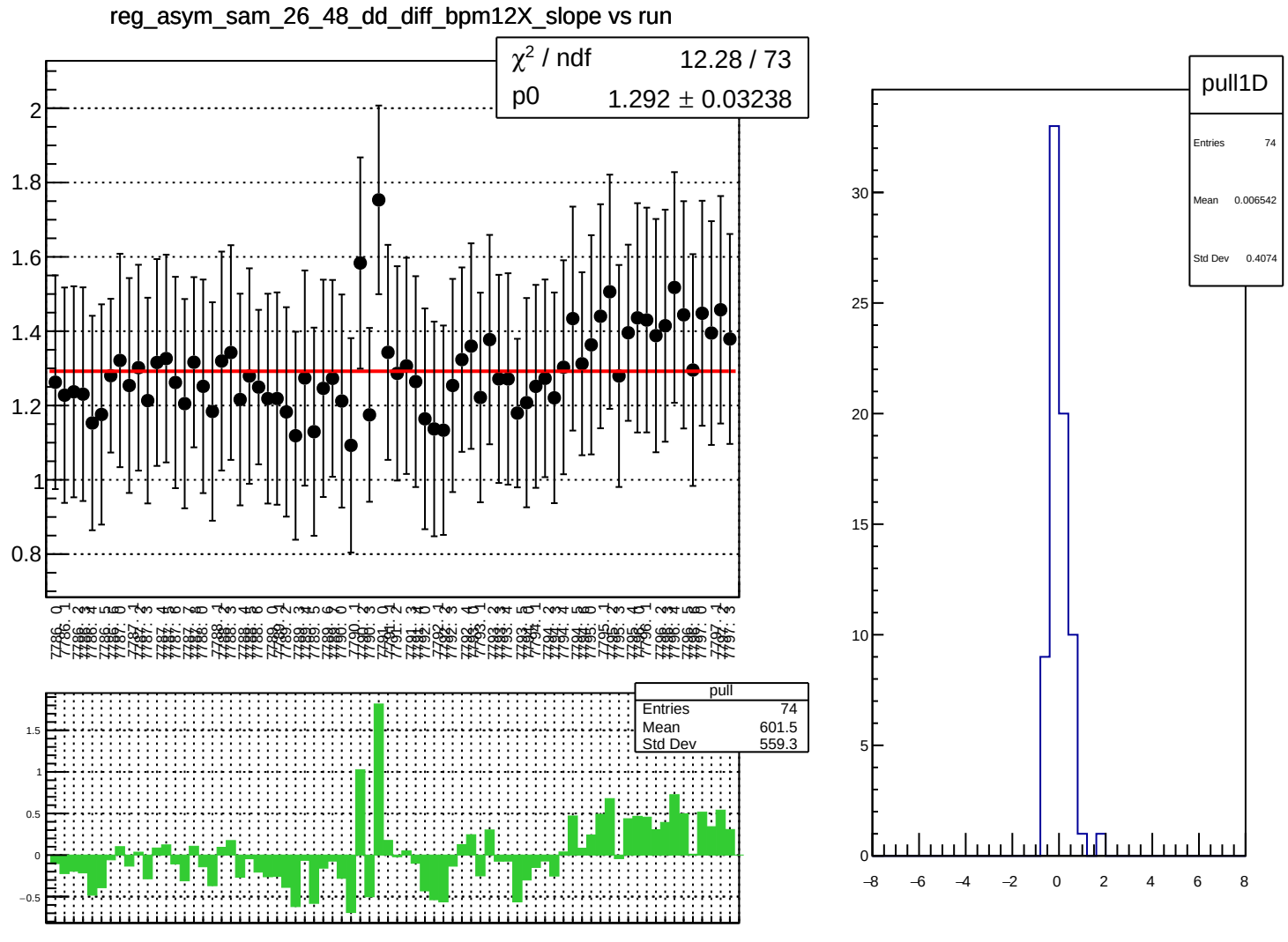

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs run
χ² / ndf 8.712 / 73
p0 5.181 ± 0.9063
pull
Entries 74
Mean 272.2
Std Dev 237.7

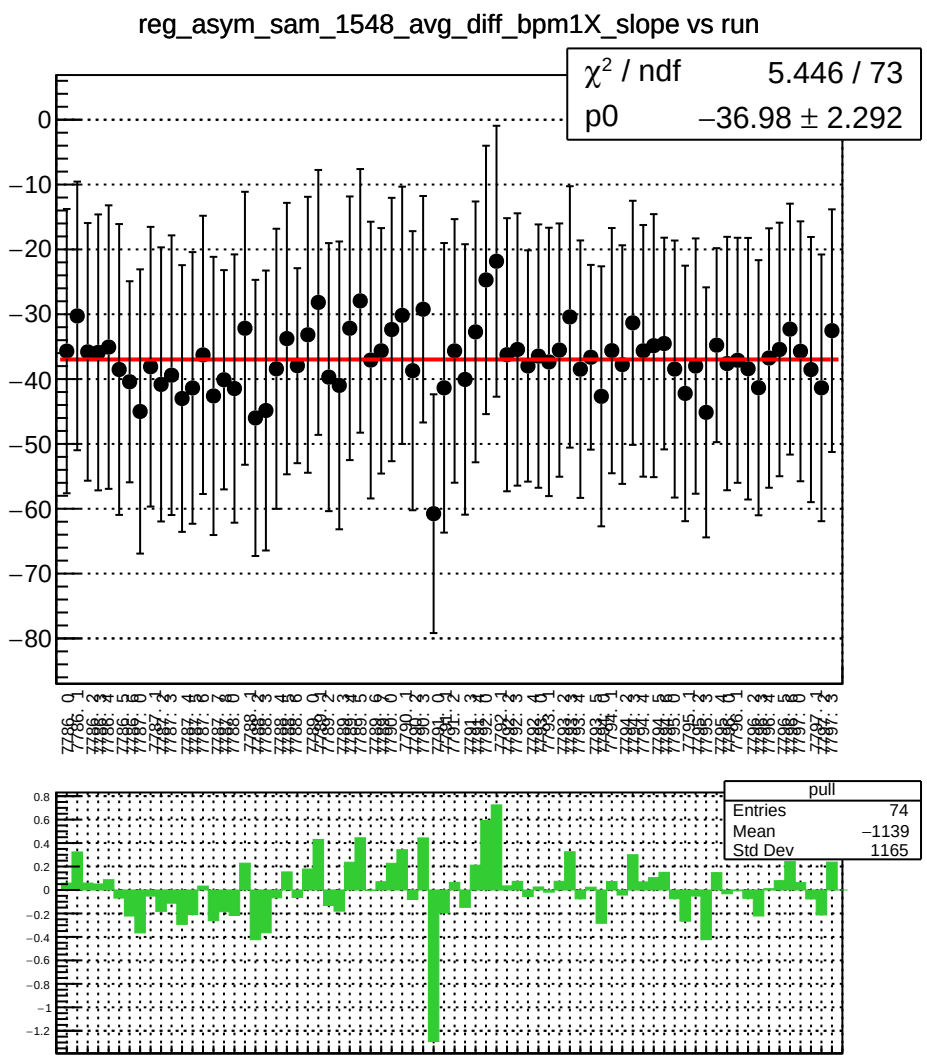

pull1D
Entries 74
Mean −0.005553
Std Dev 0.3431

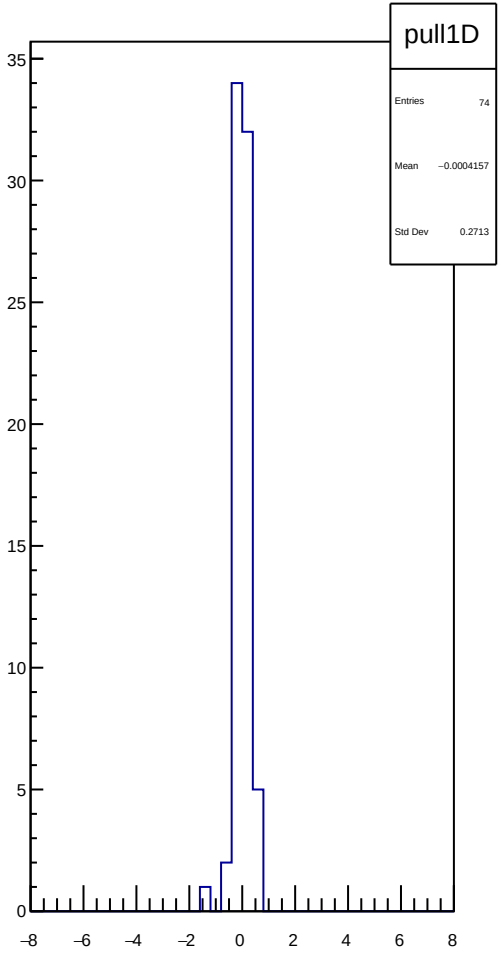

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 13.52 / 73
p0 −46.22 ± 0.9211
pull
Entries 74
Mean 978.6
Std Dev 939.8
pull1D
Entries 74
Mean −0.005717
Std Dev 0.4275

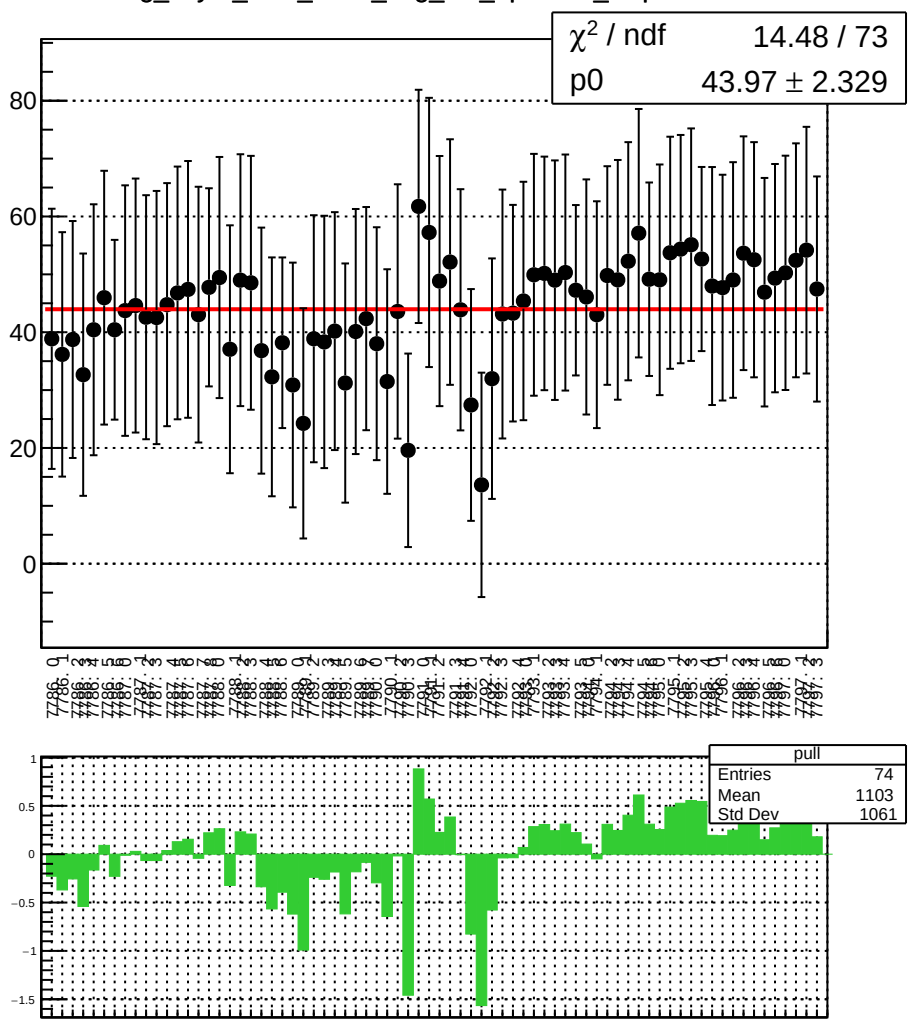

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 11.15 / 73
p0 15.57 ± 0.7882
pull
Entries 74
Mean 526.9
Std Dev 490.6
pull1D
Entries 74
Mean 0.005875
Std Dev 0.3881

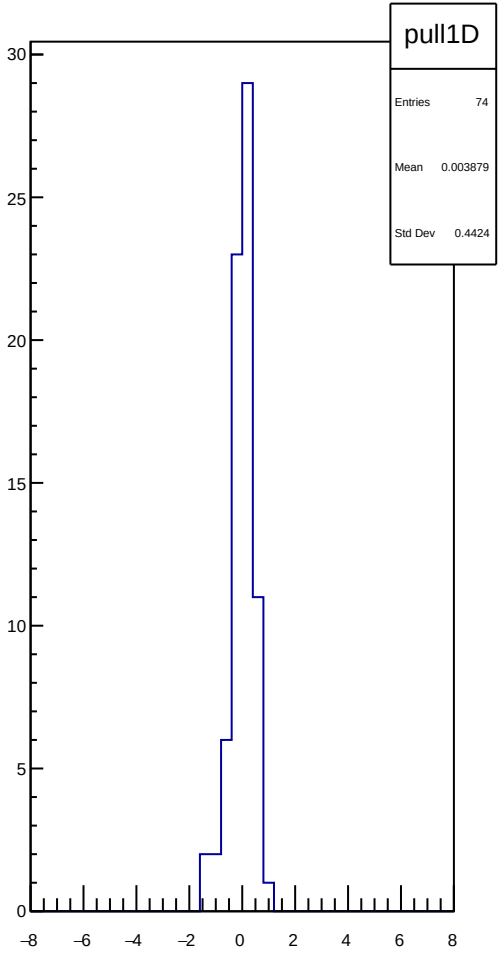

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 13.32 / 73
p0 −23.62 ± 1.043
pull
Entries 74
Mean 1172
Std Dev 1134
pull1D
Entries 74
Mean 0.004711
Std Dev 0.4242

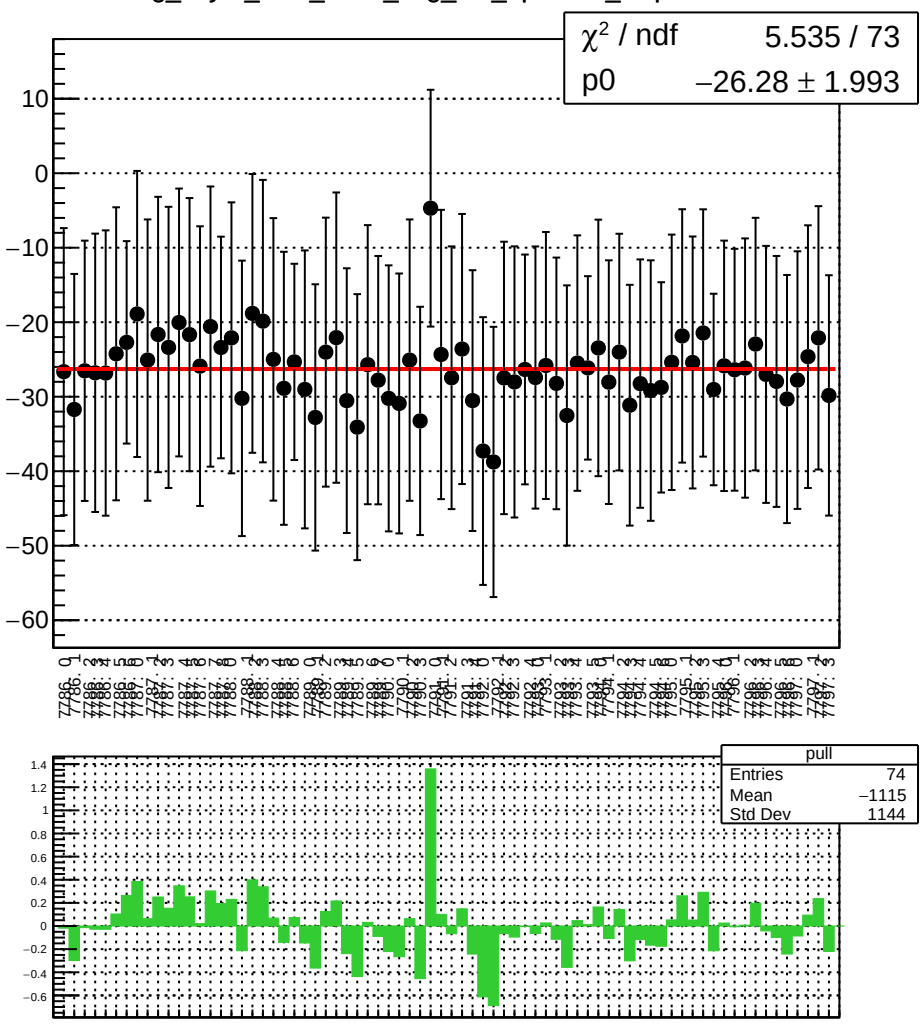

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs run
χ² / ndf 12.28 / 73
p0 1.292 ± 0.03238
pull
Entries 74
Mean 601.5
Std Dev 559.3
pull1D
Entries 74
Mean 0.006542
Std Dev 0.4074

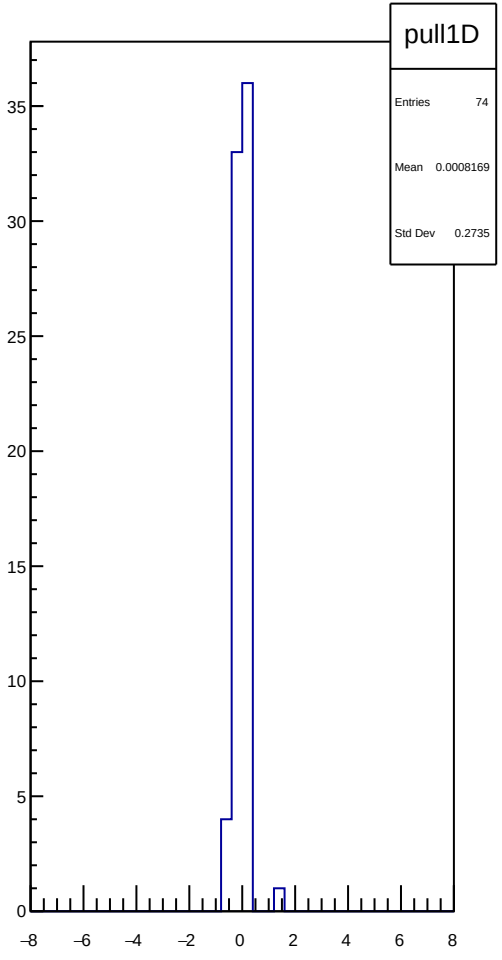

reg_asym_sam_1548_avg_diff_bpm1X_slope vs run
χ² / ndf 5.446 / 73
p0 −36.98 ± 2.292
pull
Entries 74
Mean −1139
Std Dev 1165

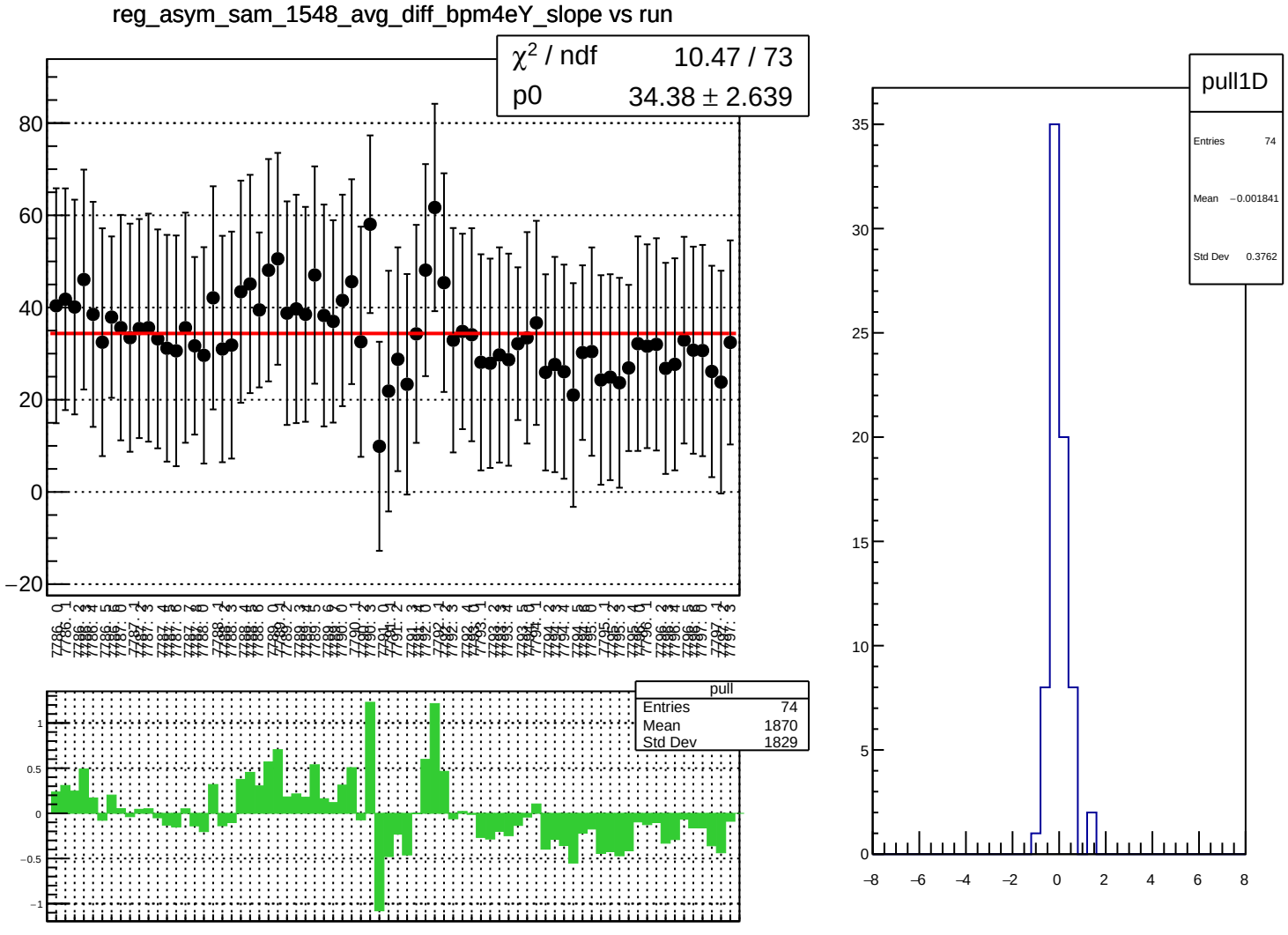

pull1D
Entries 74
Mean −0.0004157
Std Dev 0.2713

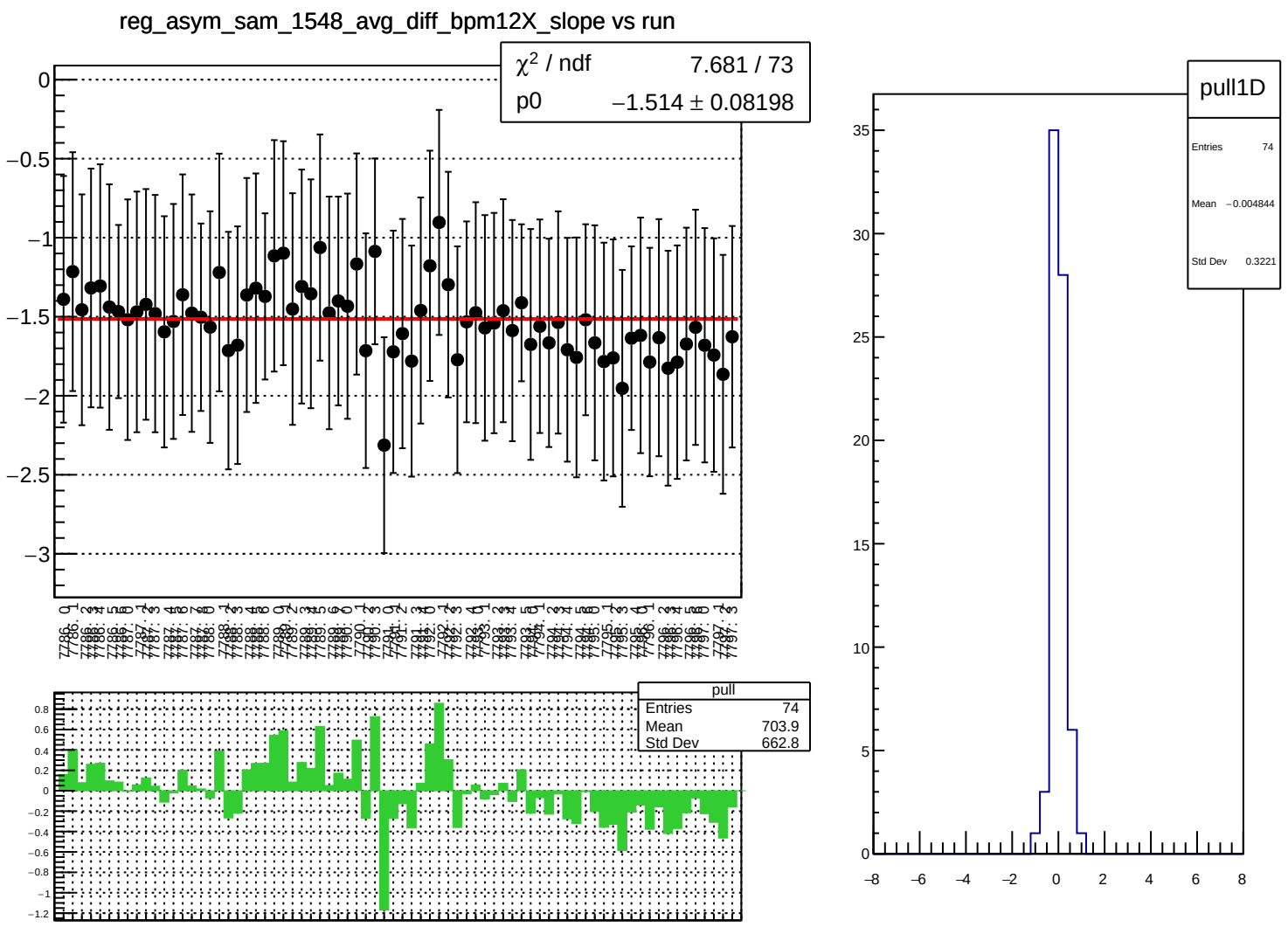

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs run
χ² / ndf 14.48 / 73
p0 43.97 ± 2.329
pull
Entries 74
Mean 1103
Std Dev 1061

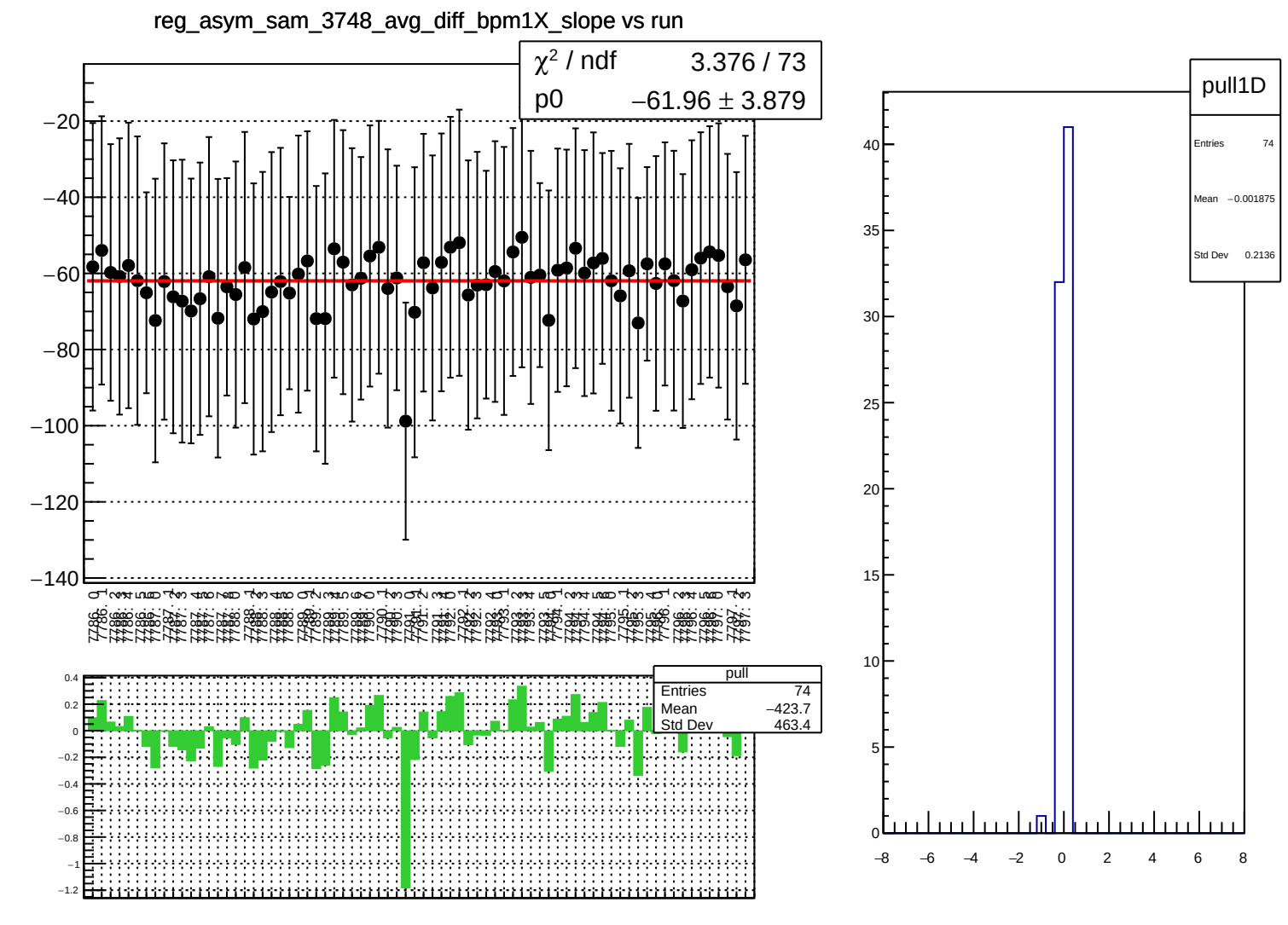

pull1D
Entries 74
Mean 0.003879
Std Dev 0.4424

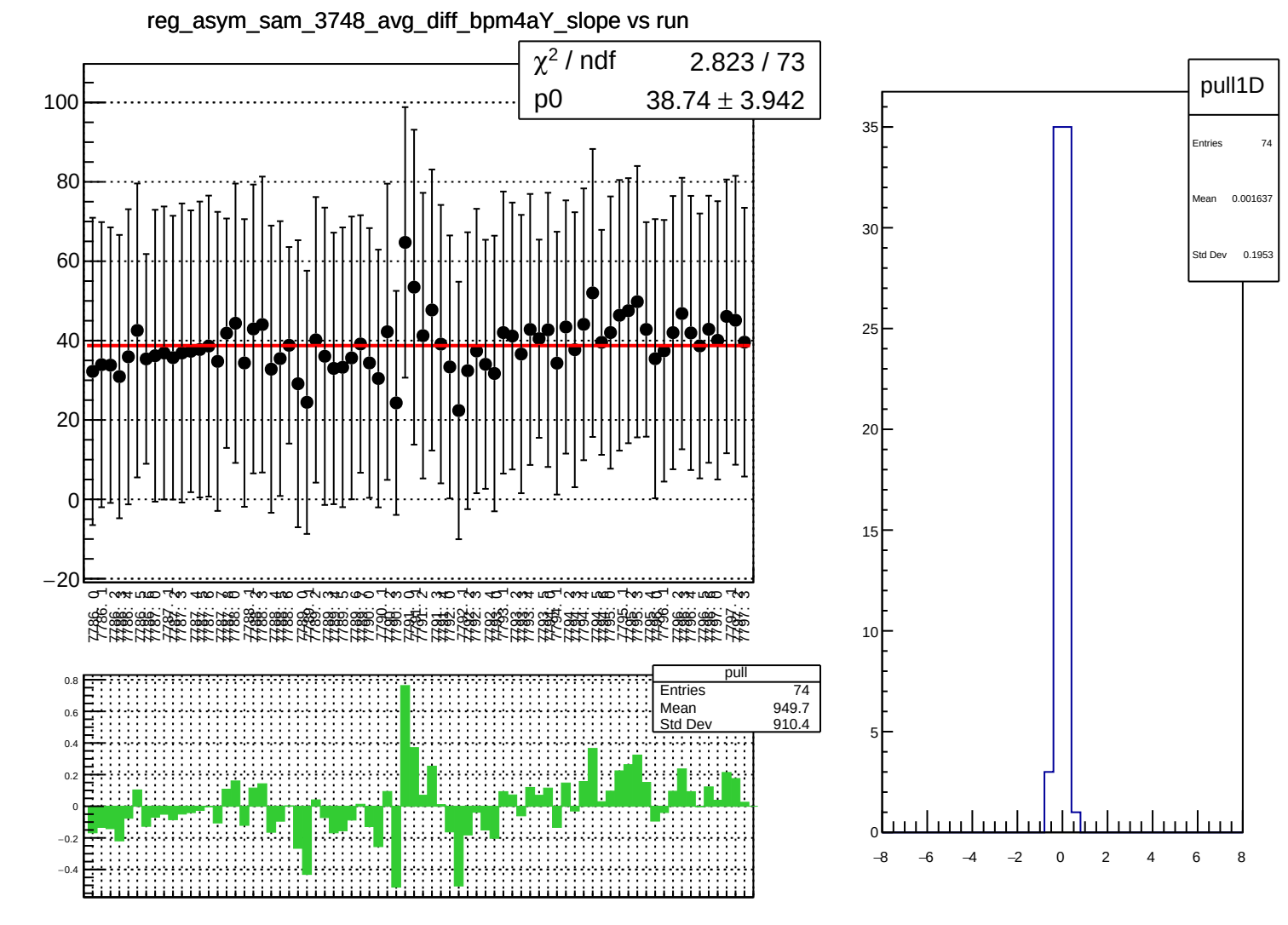

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs run
χ² / ndf 5.535 / 73
p0 −26.28 ± 1.993
pull
Entries 74
Mean −1115
Std Dev 1144

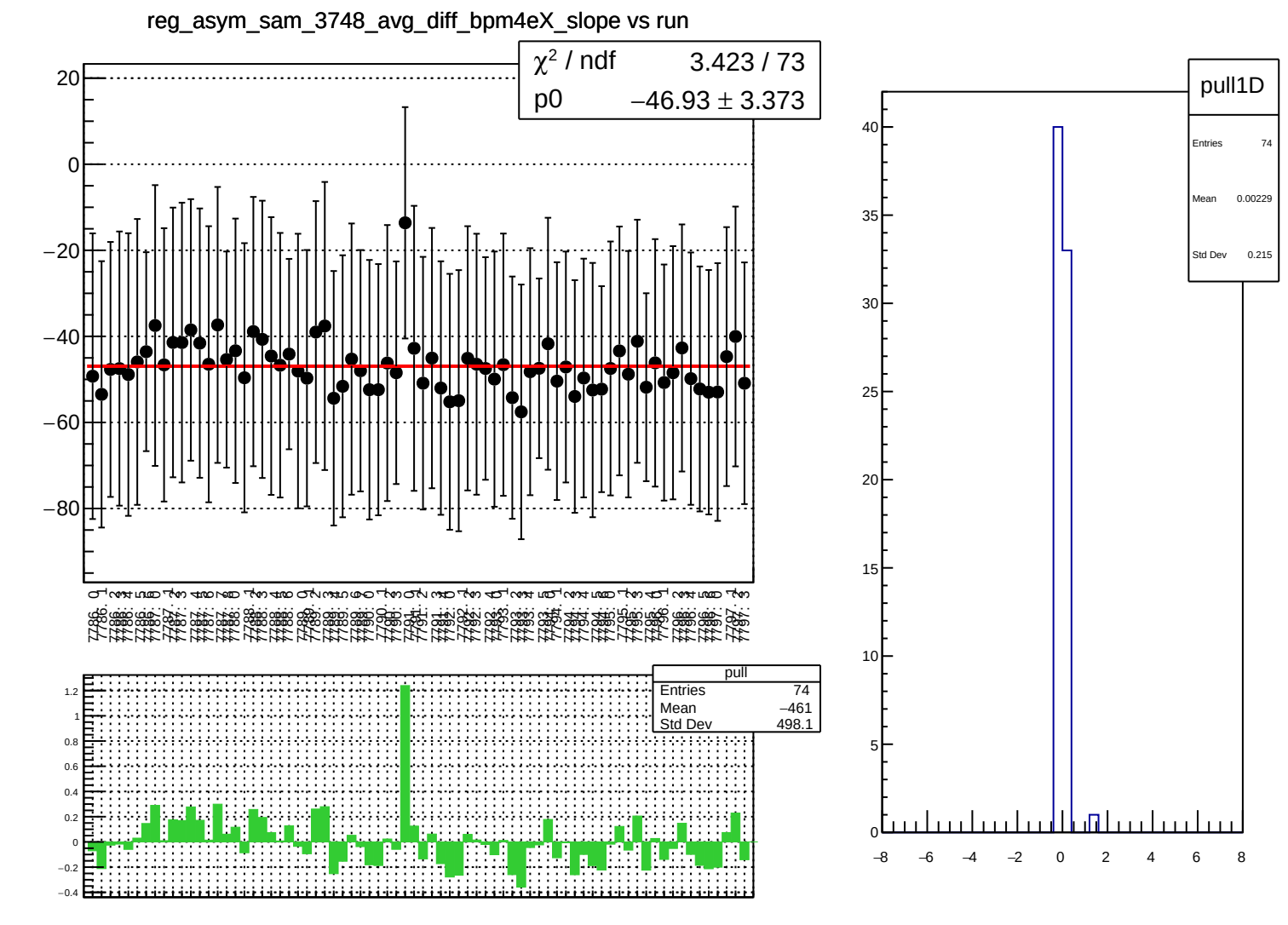

pull1D
Entries 74
Mean 0.0008169
Std Dev 0.2735

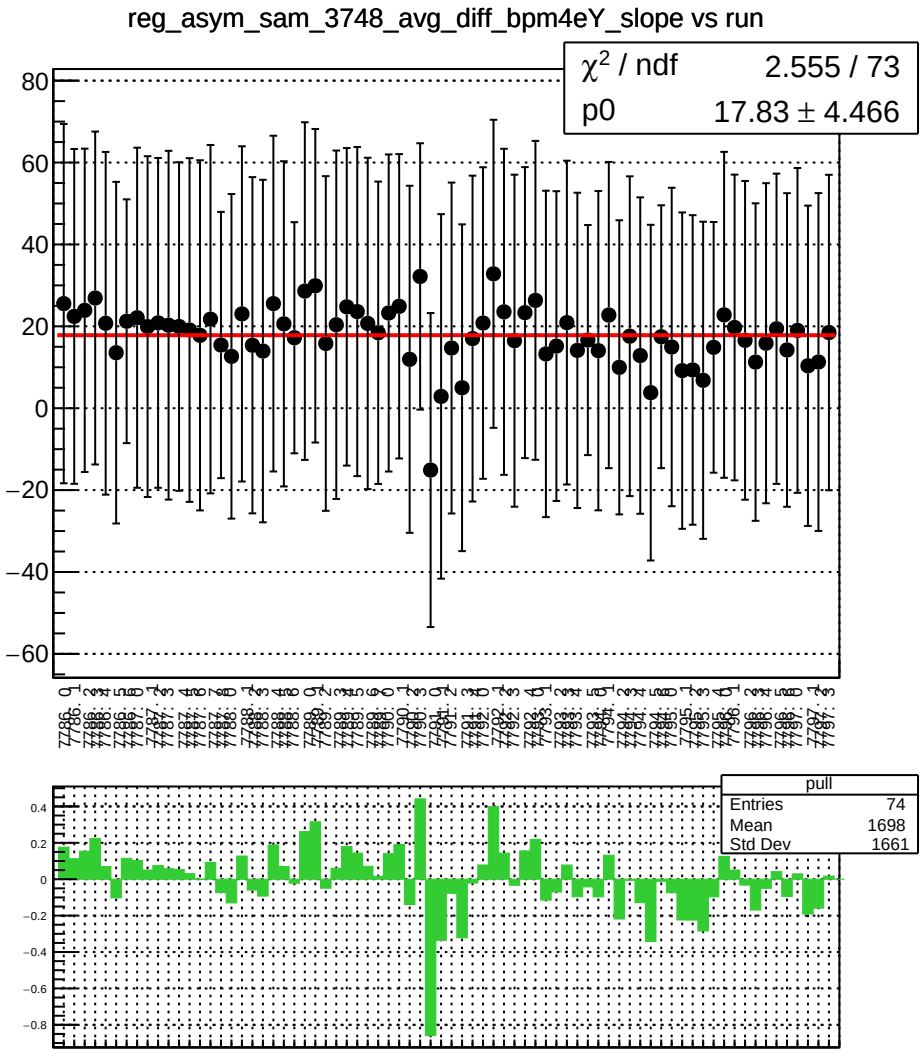

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs run
χ² / ndf 10.47 / 73
p0 34.38 ± 2.639
pull
Entries 74
Mean 1870
Std Dev 1829
pull1D
Entries 74
Mean −0.001841
Std Dev 0.3762

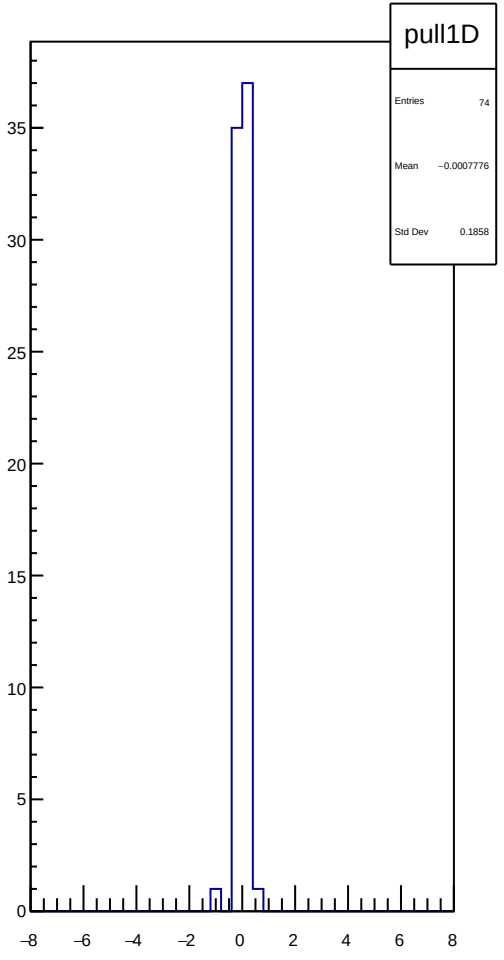

reg_asym_sam_1548_avg_diff_bpm12X_slope vs run
χ² / ndf 7.681 / 73
p0 −1.514 ± 0.08198
pull
Entries 74
Mean 703.9
Std Dev 662.8
pull1D
Entries 74
Mean −0.004844
Std Dev 0.3221

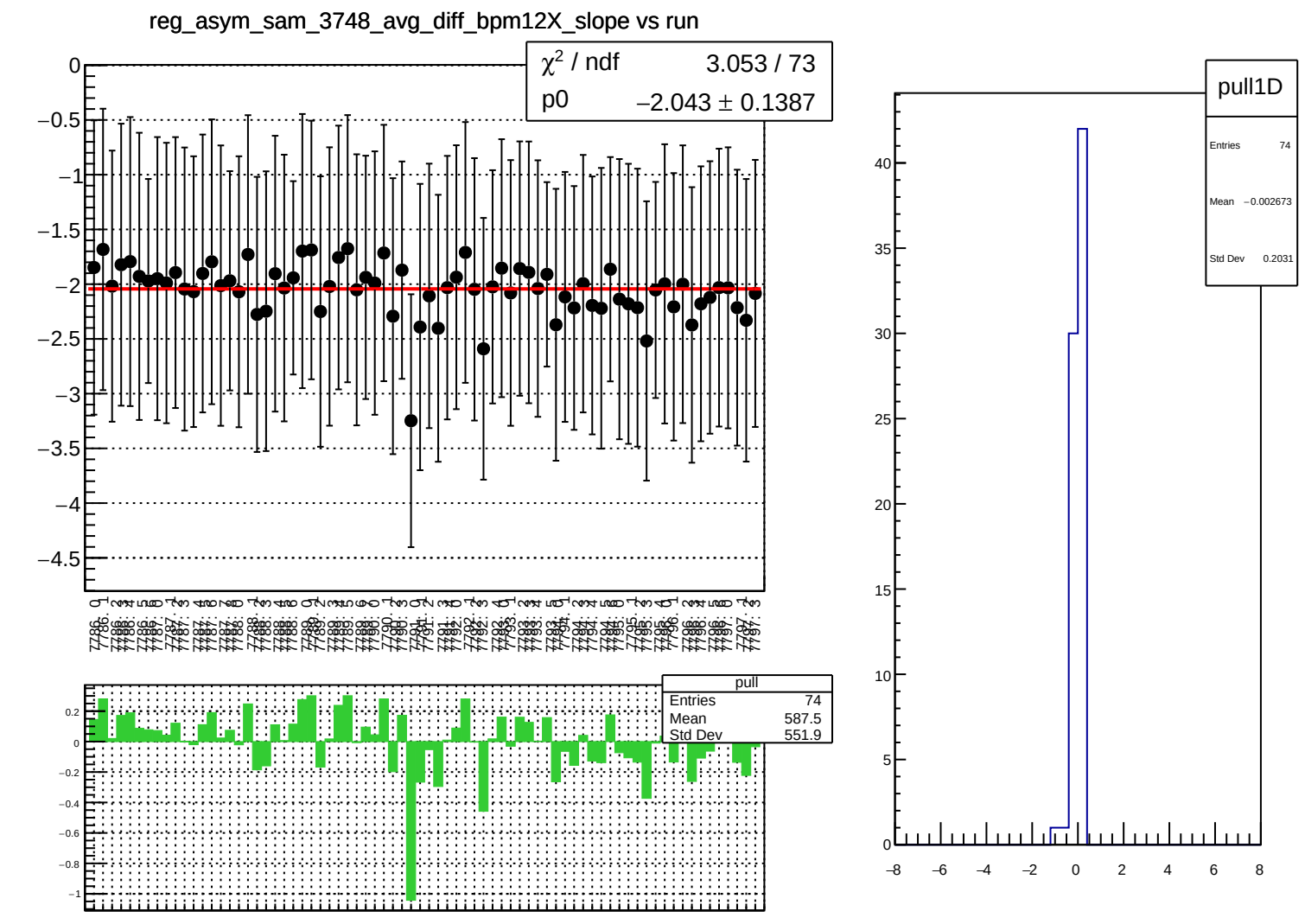

reg_asym_sam_3748_avg_diff_bpm1X_slope vs run
χ² / ndf 3.376 / 73
p0 −61.96 ± 3.879
pull
Entries 74
Mean −423.7
Std Dev 463.4
pull1D
Entries 74
Mean −0.001875
Std Dev 0.2136

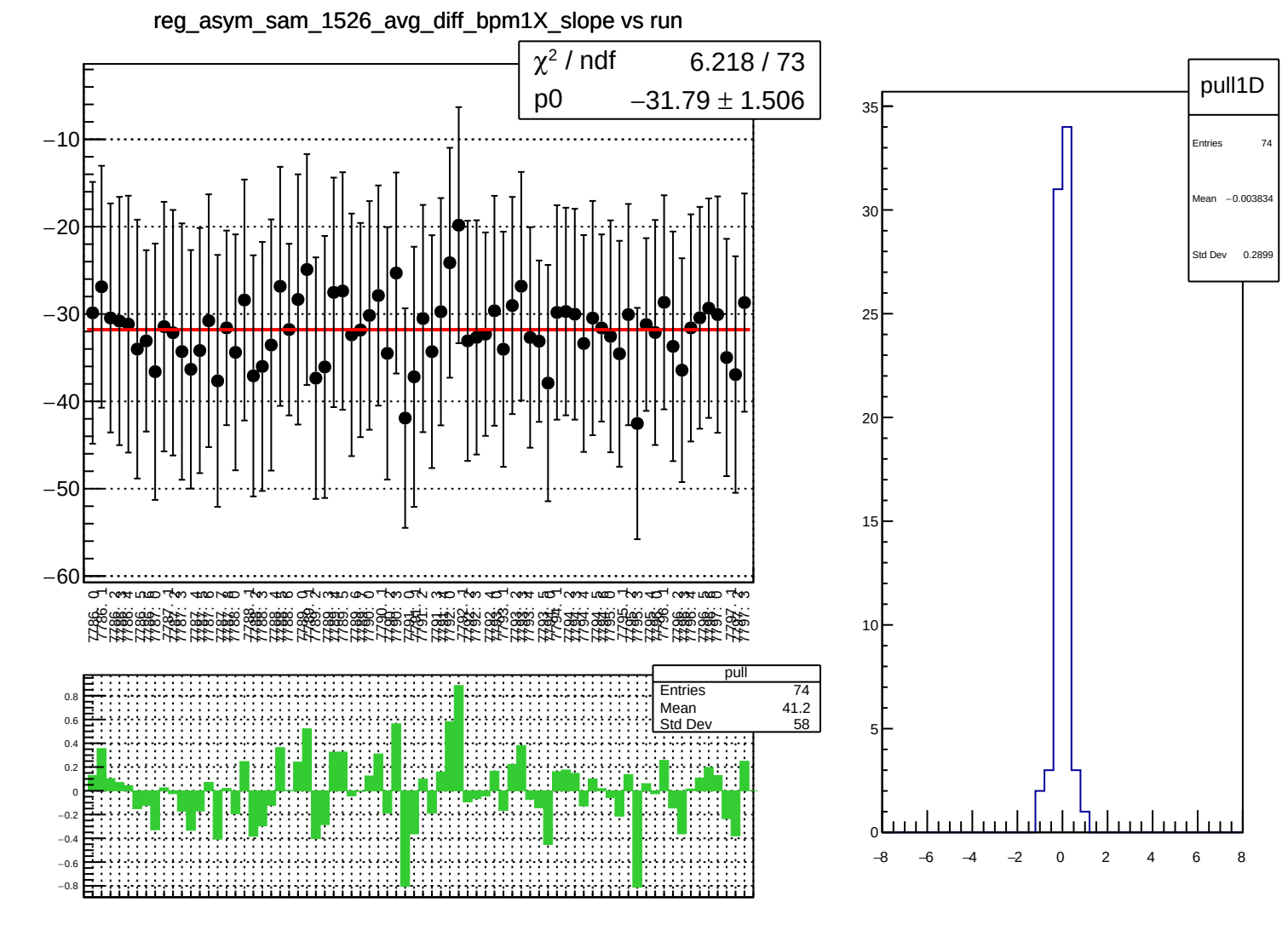

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs run
χ² / ndf 2.823 / 73
p0 38.74 ± 3.942
pull
Entries 74
Mean 949.7
Std Dev 910.4
pull1D
Entries 74
Mean 0.001637
Std Dev 0.1953

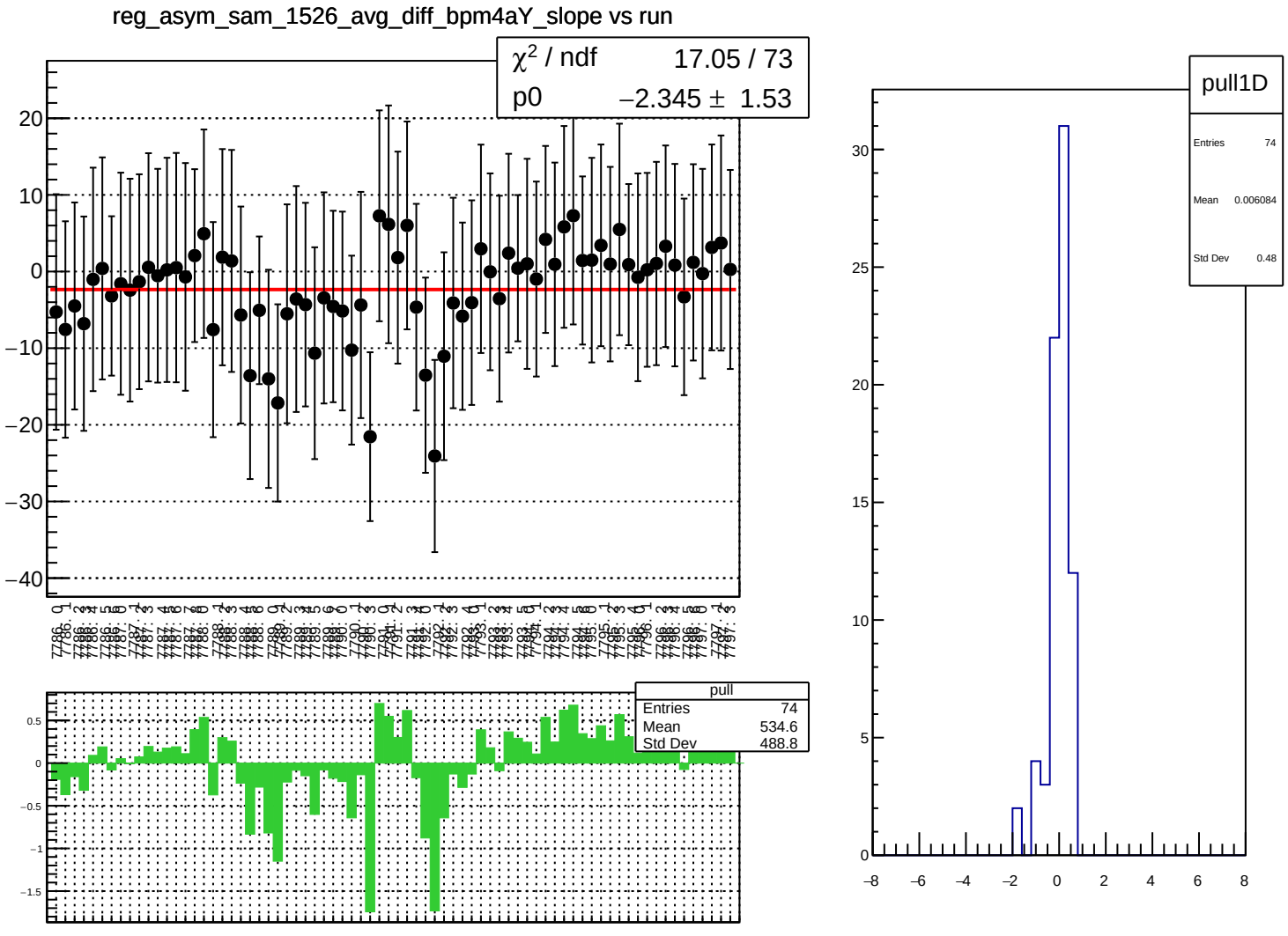

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs run
χ² / ndf 3.423 / 73
p0 −46.93 ± 3.373
pull
Entries 74
Mean −461
Std Dev 498.1
pull1D
Entries 74
Mean 0.00229
Std Dev 0.215

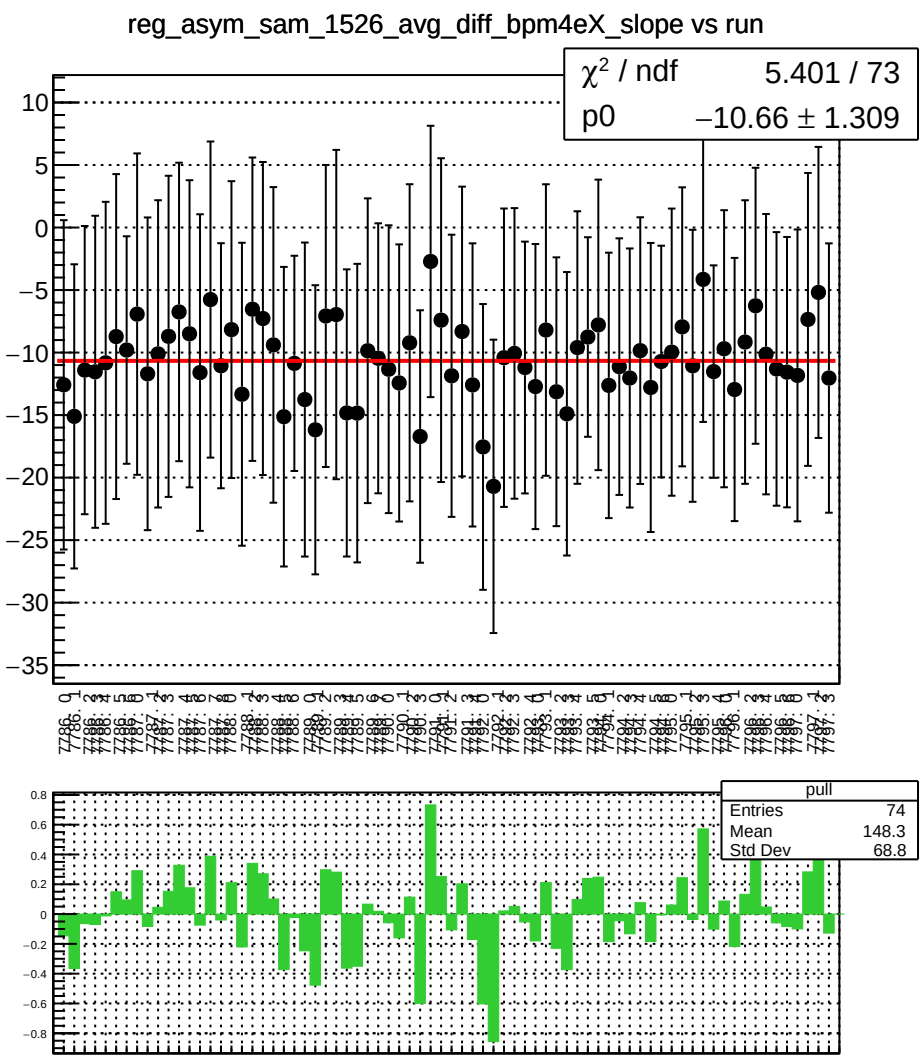

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs run
χ² / ndf 2.555 / 73
p0 17.83 ± 4.466
pull
Entries 74
Mean 1698
Std Dev 1661

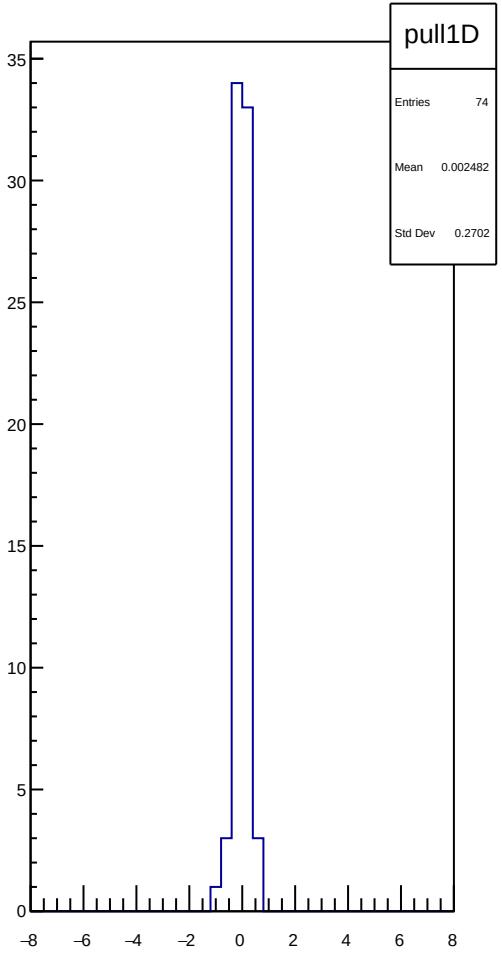

pull1D
Entries 74
Mean −0.0007776
Std Dev 0.1858

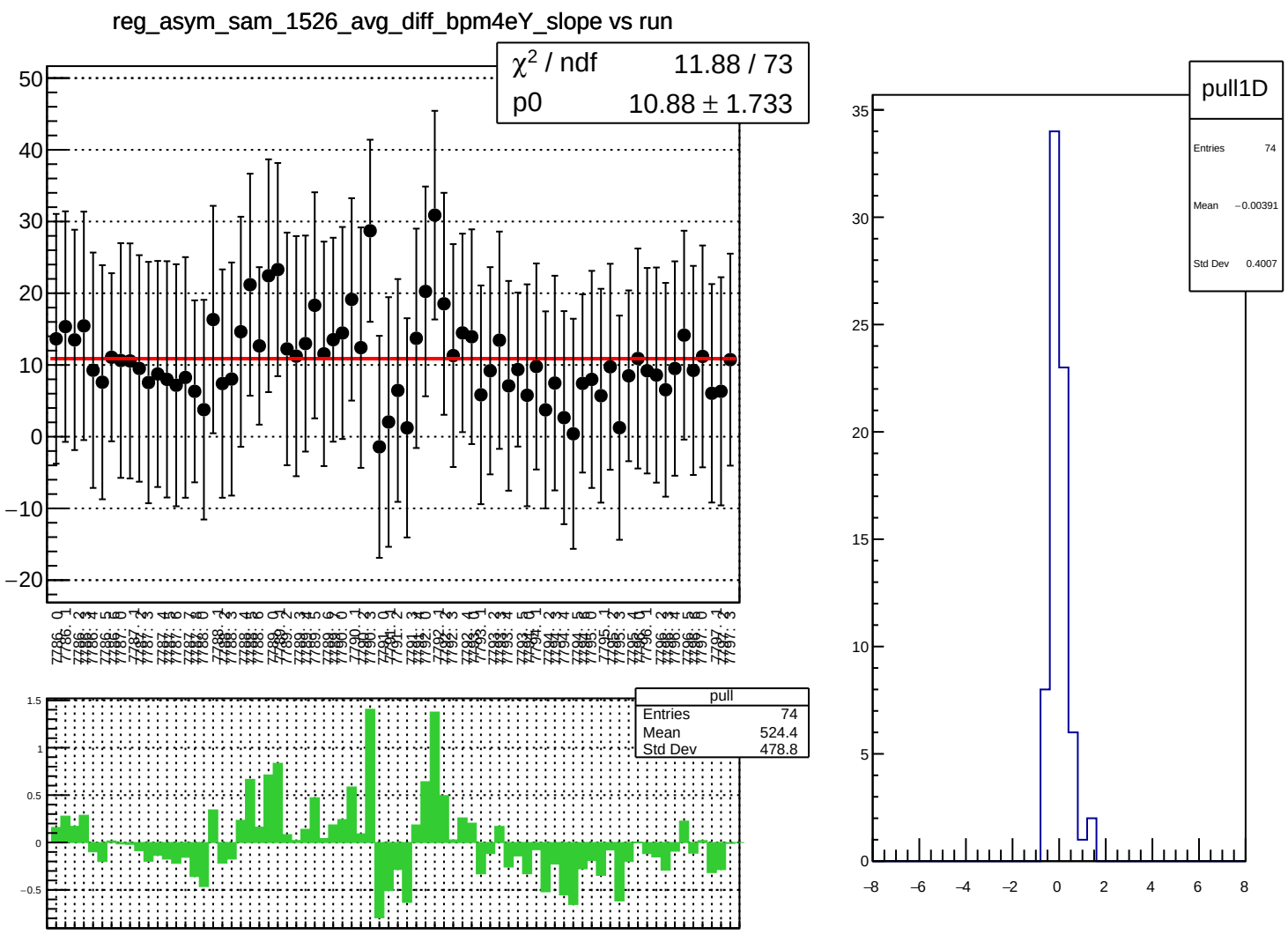

reg_asym_sam_3748_avg_diff_bpm12X_slope vs run
χ² / ndf 3.053 / 73
p0 −2.043 ± 0.1387
pull
Entries 74
Mean 587.5
Std Dev 551.9
pull1D
Entries 74
Mean −0.002673
Std Dev 0.2031

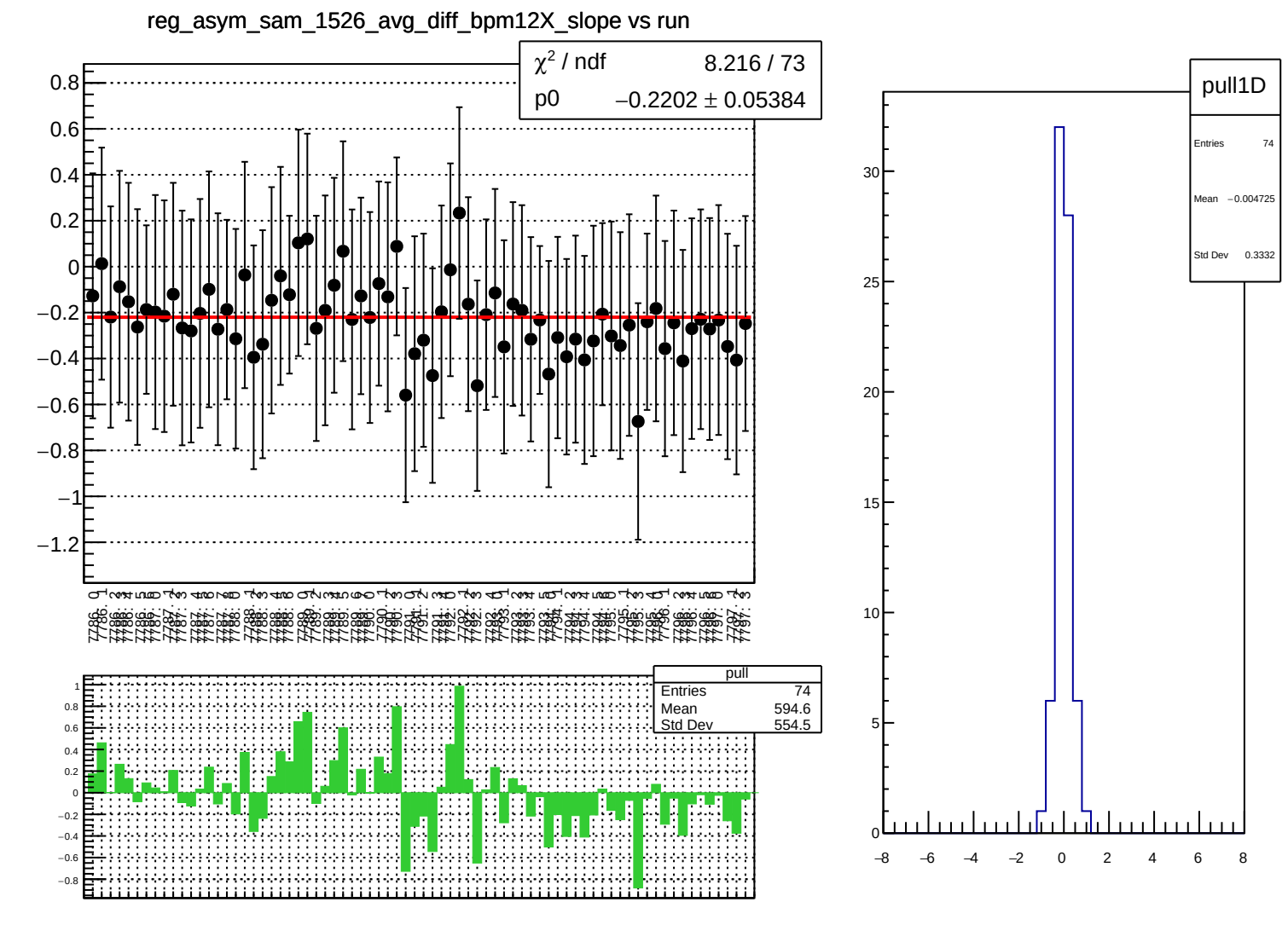

reg_asym_sam_1526_avg_diff_bpm1X_slope vs run
χ² / ndf 6.218 / 73
p0 −31.79 ± 1.506
pull
Entries 74
Mean 41.2
Std Dev 58
pull1D
Entries 74
Mean −0.003834
Std Dev 0.2899

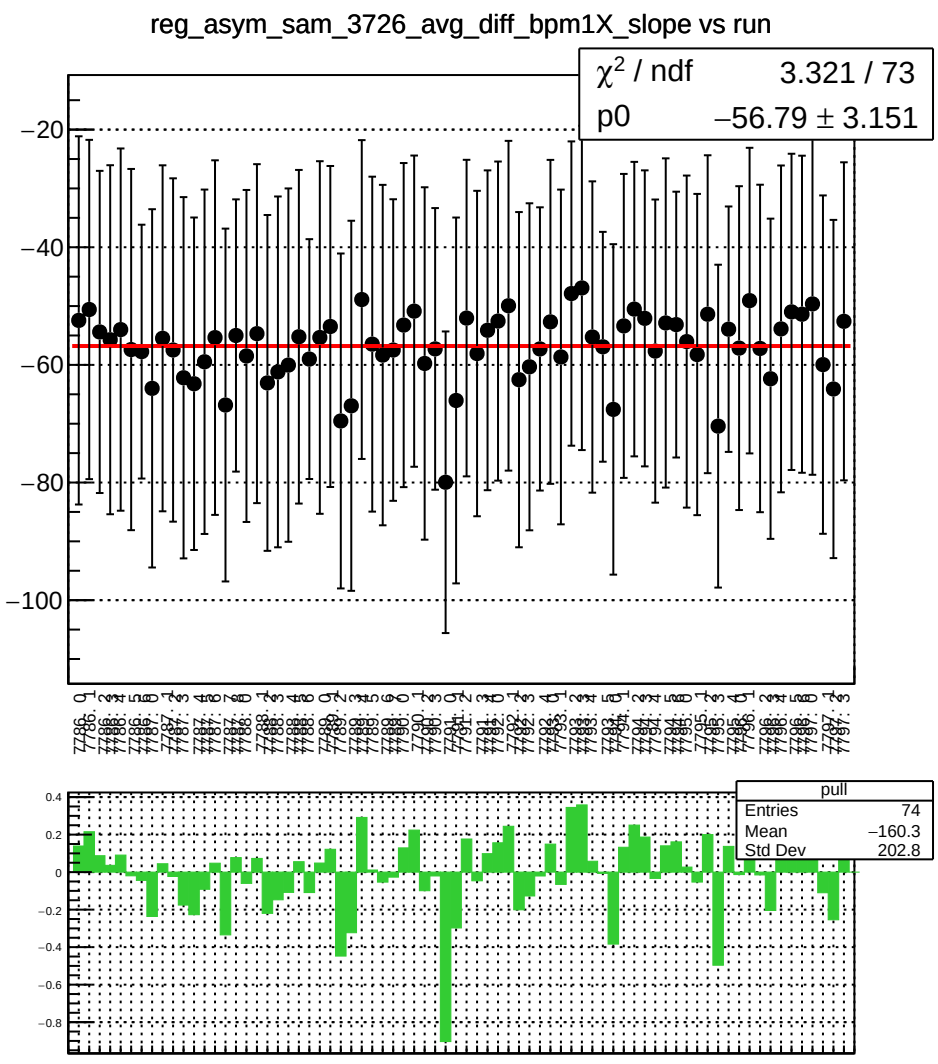

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs run
χ² / ndf 17.05 / 73
p0 −2.345 ± 1.53
pull
Entries 74
Mean 534.6
Std Dev 488.8
pull1D
Entries 74
Mean 0.006084
Std Dev 0.48

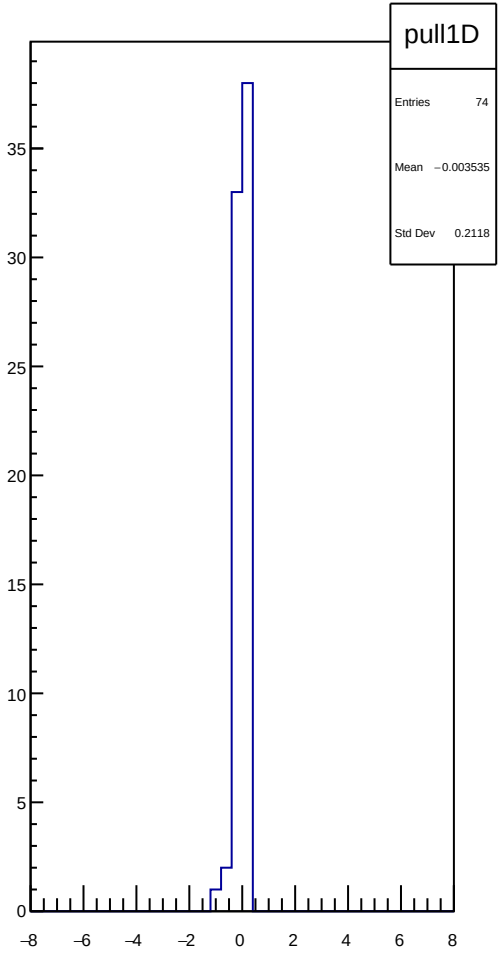

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs run
χ² / ndf 5.401 / 73
p0 −10.66 ± 1.309
pull
Entries 74
Mean 148.3
Std Dev 68.8

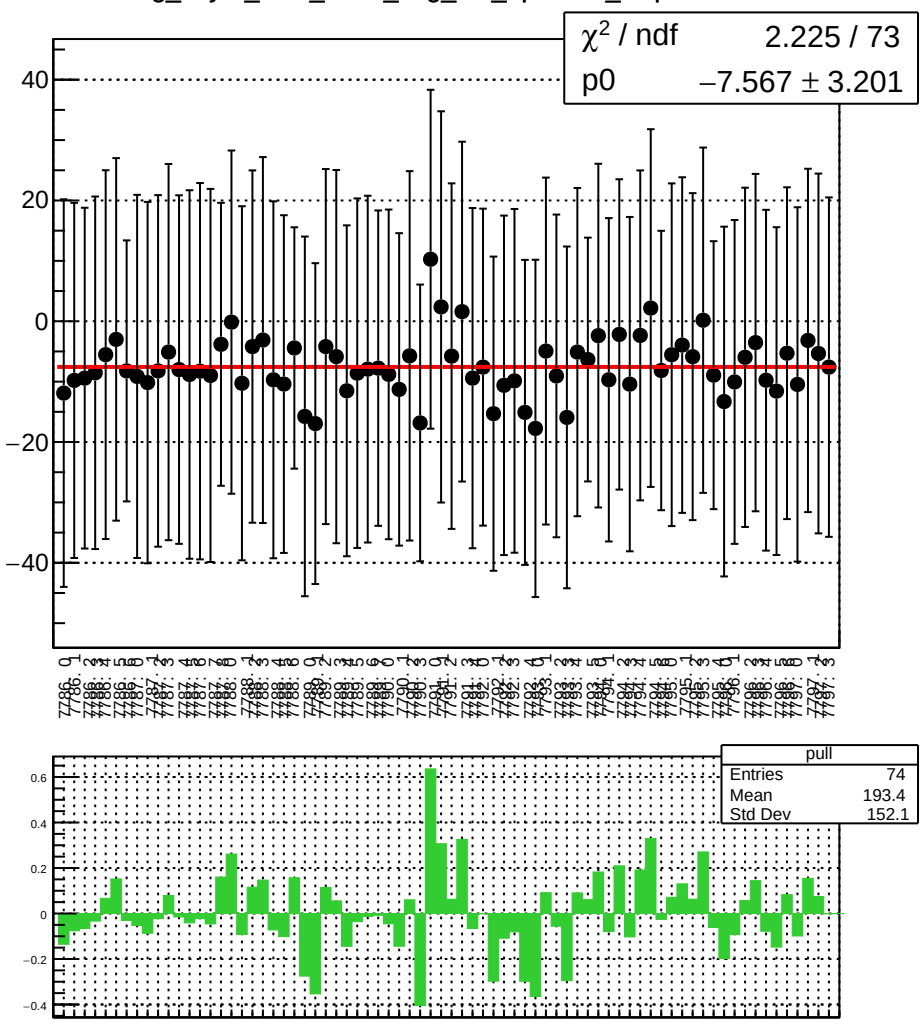

pull1D
Entries 74
Mean 0.002482
Std Dev 0.2702

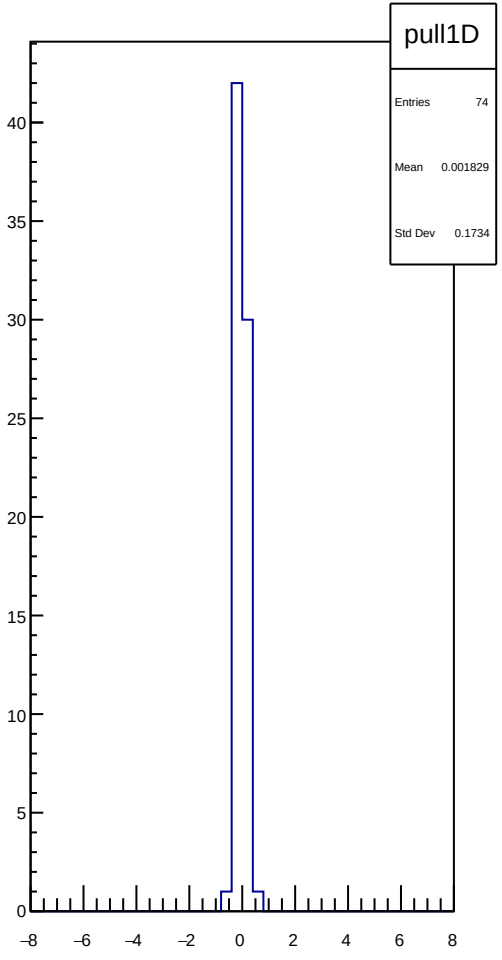

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs run
χ² / ndf 11.88 / 73
p0 10.88 ± 1.733
pull
Entries 74
Mean 524.4
Std Dev 478.8
pull1D
Entries 74
Mean −0.00391
Std Dev 0.4007

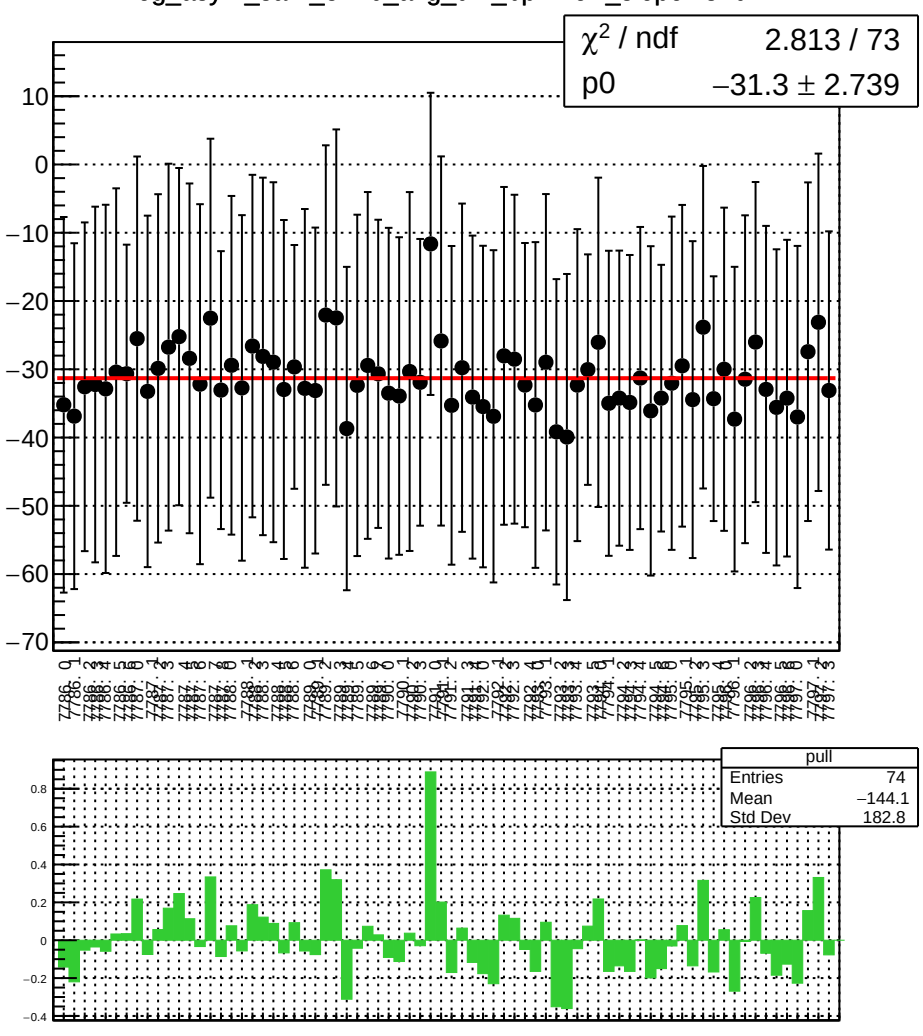

reg_asym_sam_1526_avg_diff_bpm12X_slope vs run
χ² / ndf 8.216 / 73
p0 −0.2202 ± 0.05384
pull
Entries 74
Mean 594.6
Std Dev 554.5
pull1D
Entries 74
Mean −0.004725
Std Dev 0.3332

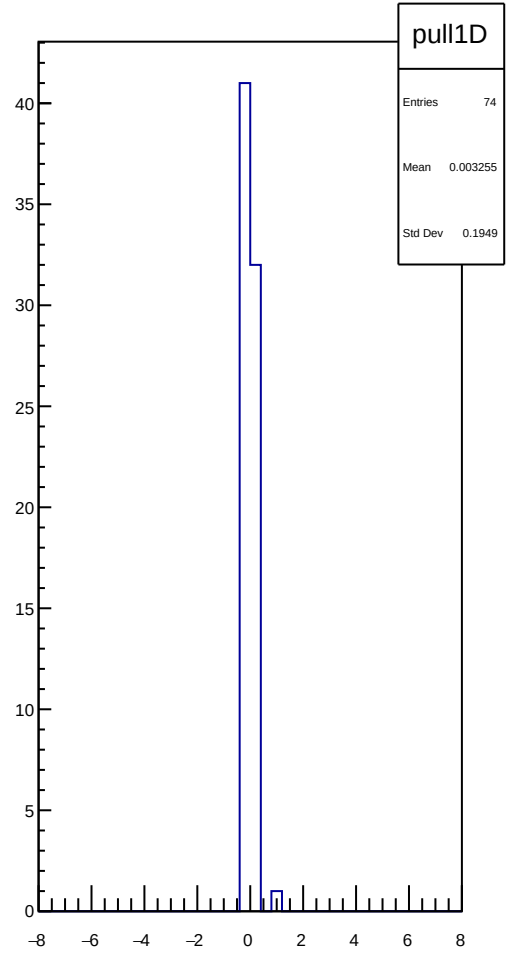

reg_asym_sam_3726_avg_diff_bpm1X_slope vs run
χ² / ndf 3.321 / 73
p0 −56.79 ± 3.151
pull
Entries 74
Mean −160.3
Std Dev 202.8

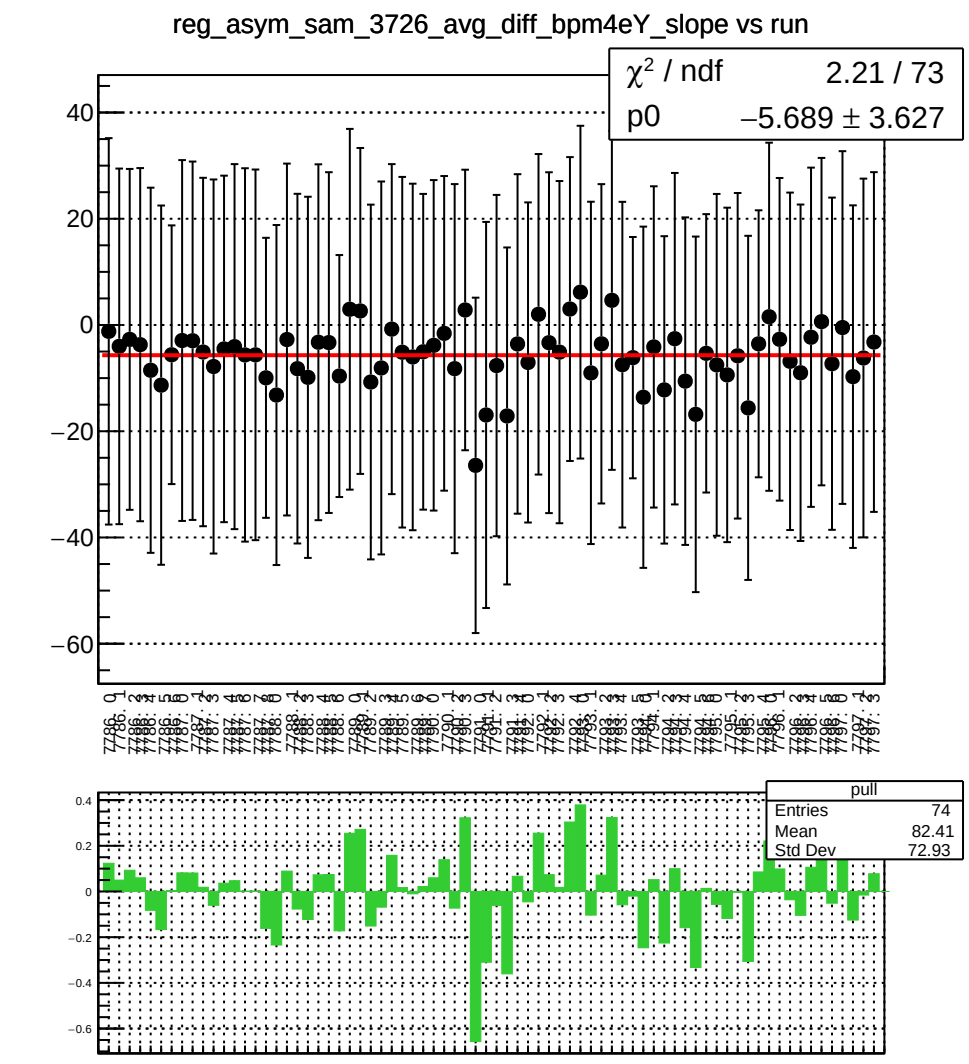

pull1D
Entries 74
Mean −0.003535
Std Dev 0.2118

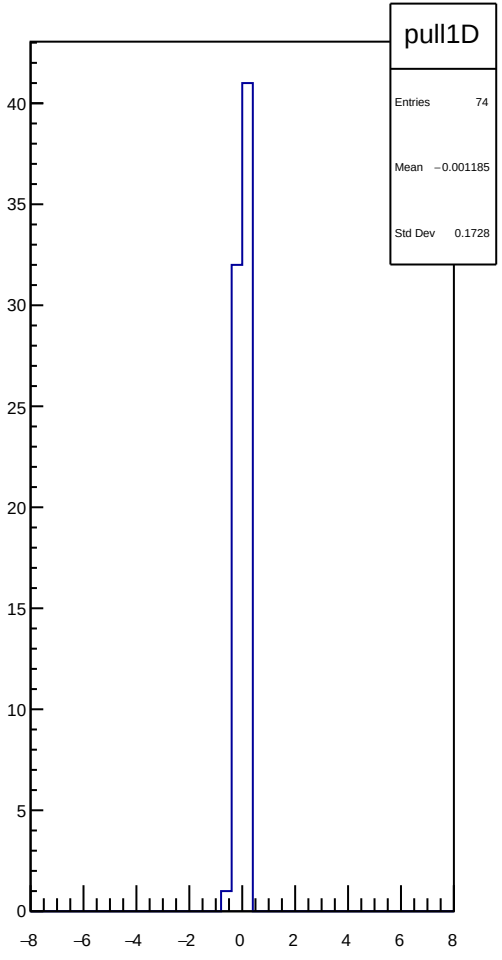

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs run
χ² / ndf 2.225 / 73
p0 −7.567 ± 3.201
pull
Entries 74
Mean 193.4
Std Dev 152.1

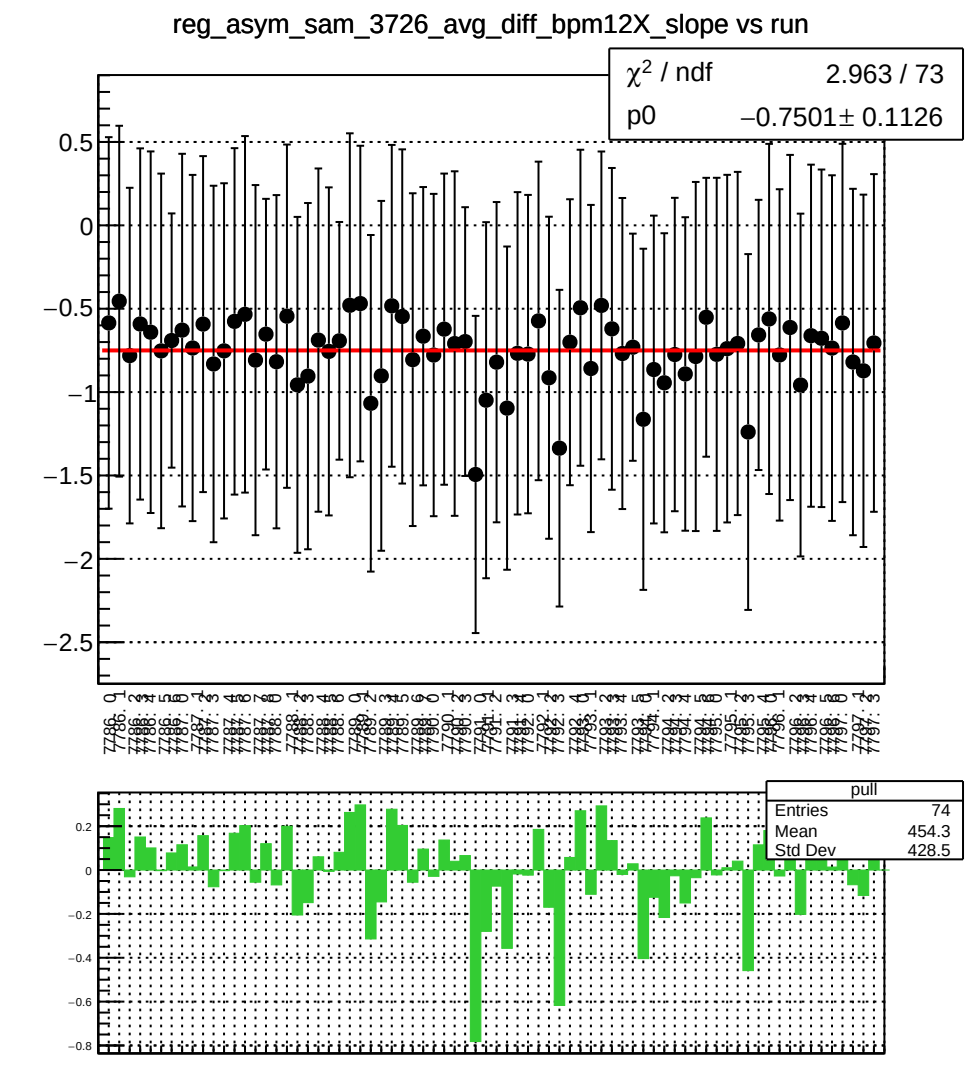

pull1D
Entries 74
Mean 0.001829
Std Dev 0.1734

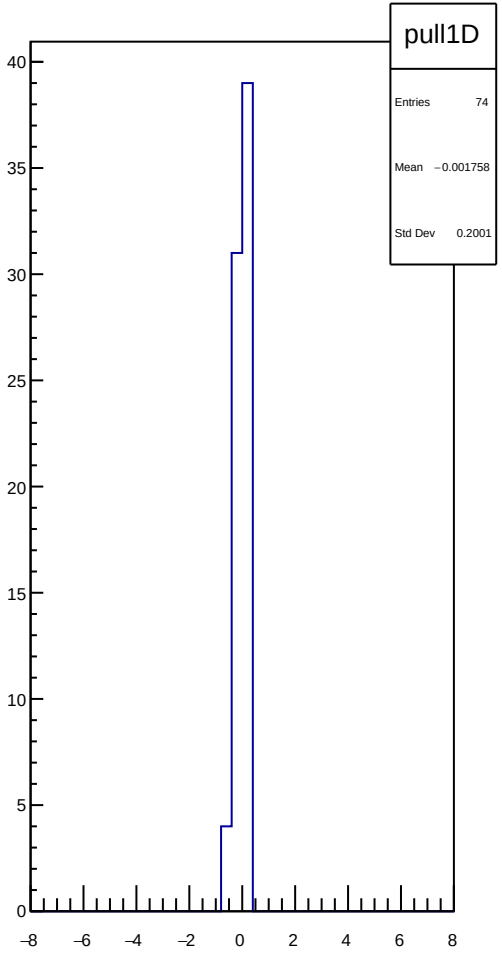

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs run
χ² / ndf 2.813 / 73
p0 −31.3 ± 2.739
pull
Entries 74
Mean −144.1
Std Dev 182.8

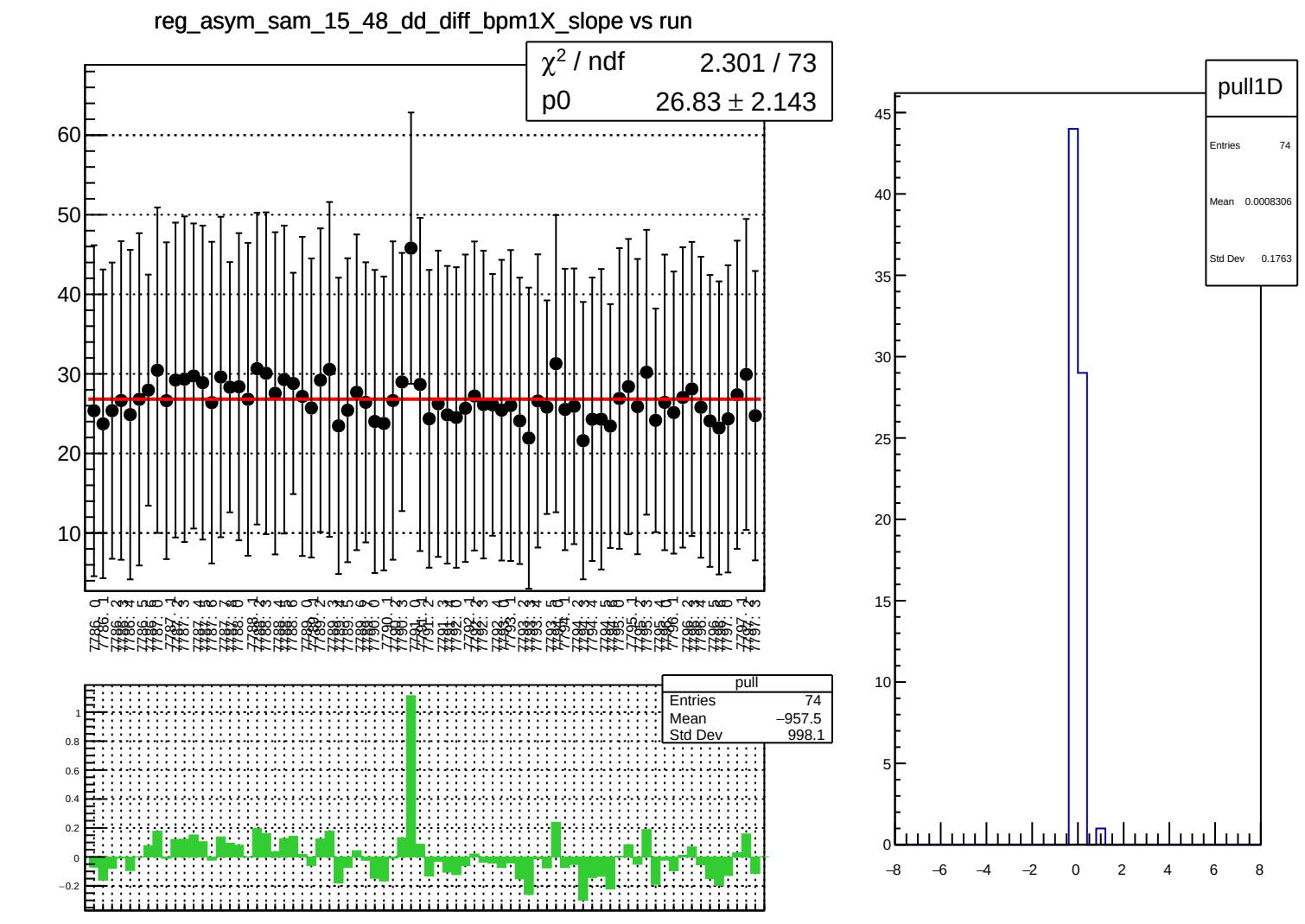

pull1D
Entries 74
Mean 0.003255
Std Dev 0.1949

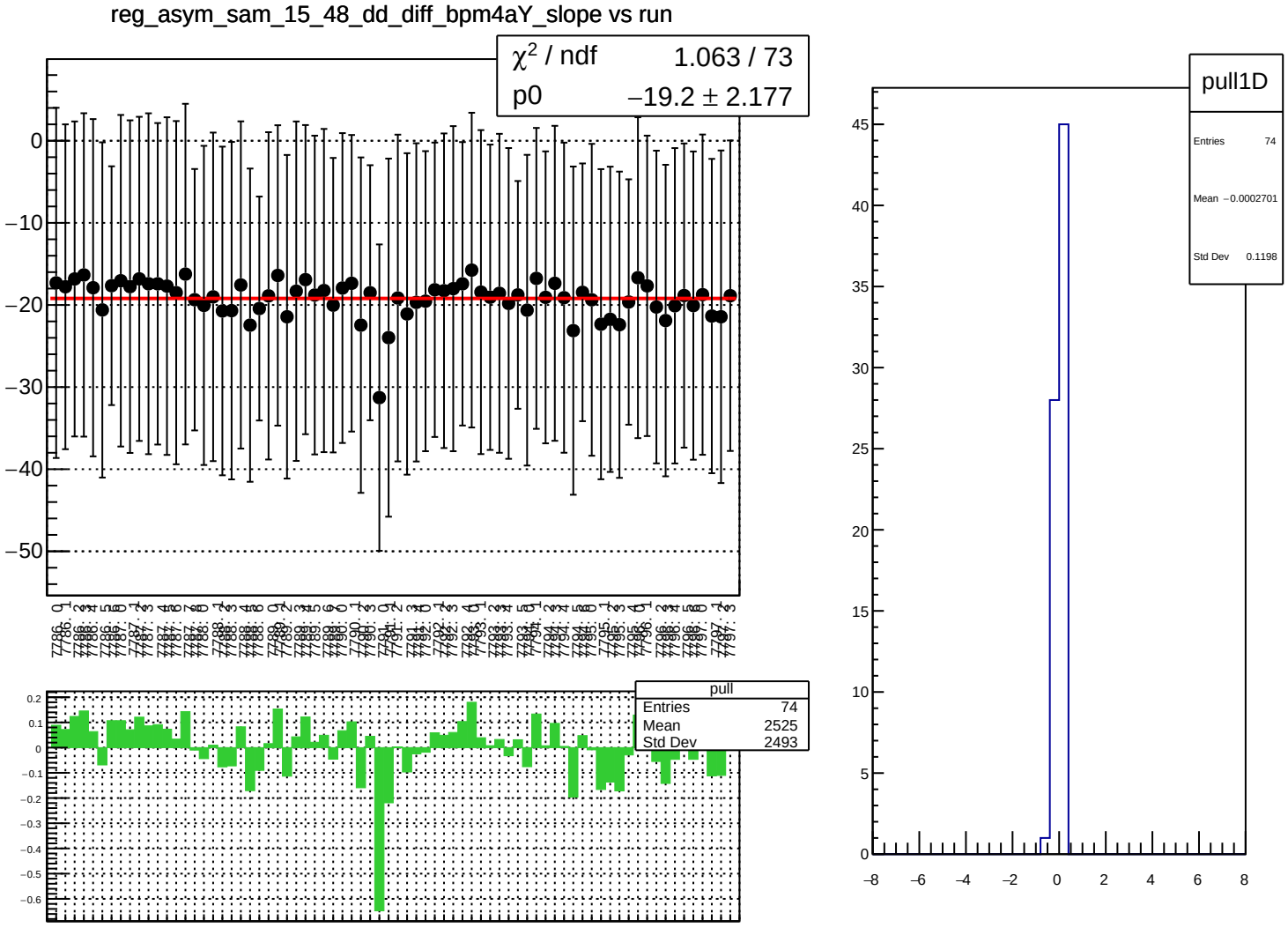

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs run
χ² / ndf 2.21 / 73
p0 −5.689 ± 3.627
pull
Entries 74
Mean 82.41
Std Dev 72.93

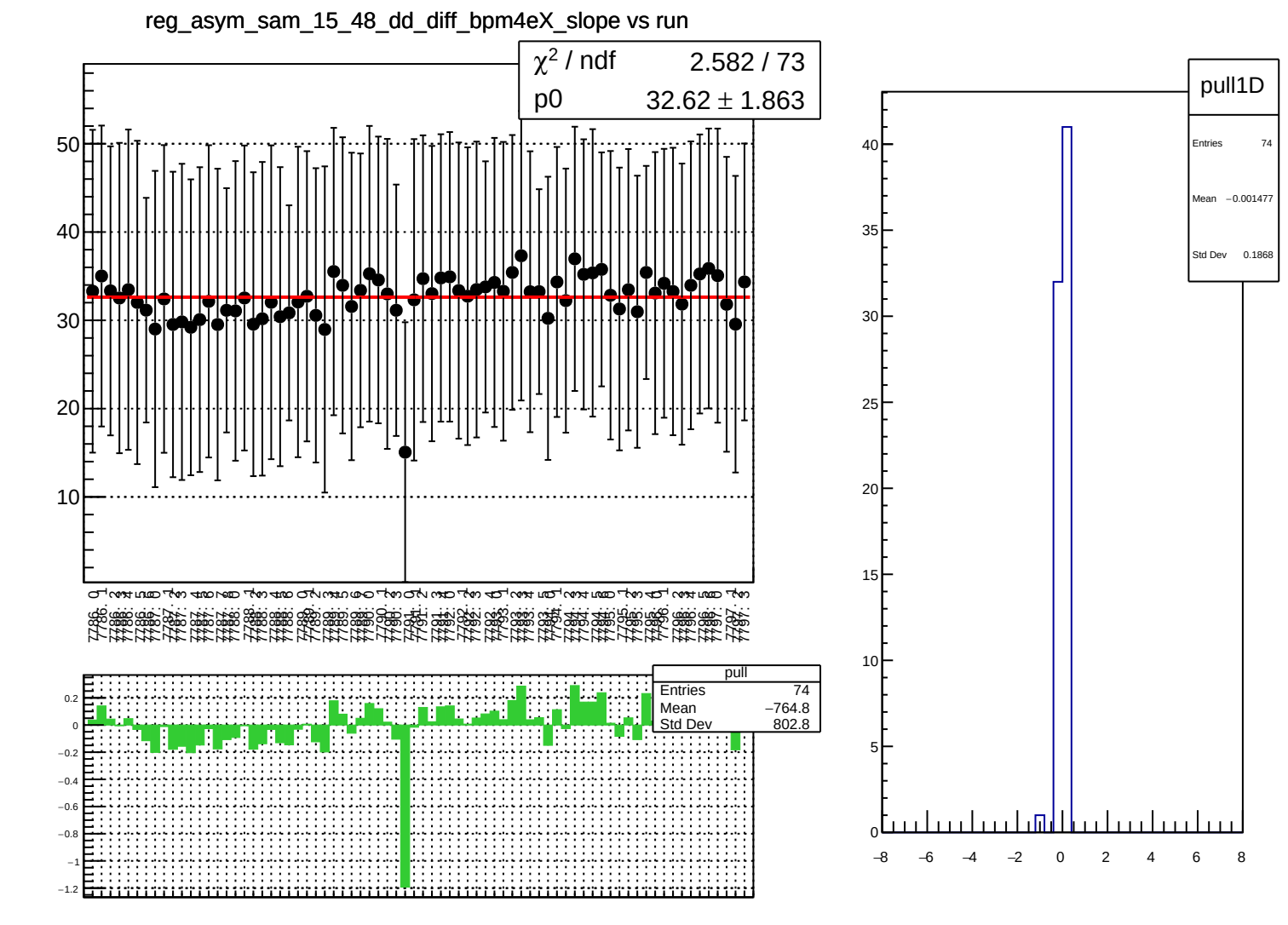

pull1D
Entries 74
Mean −0.001185
Std Dev 0.1728

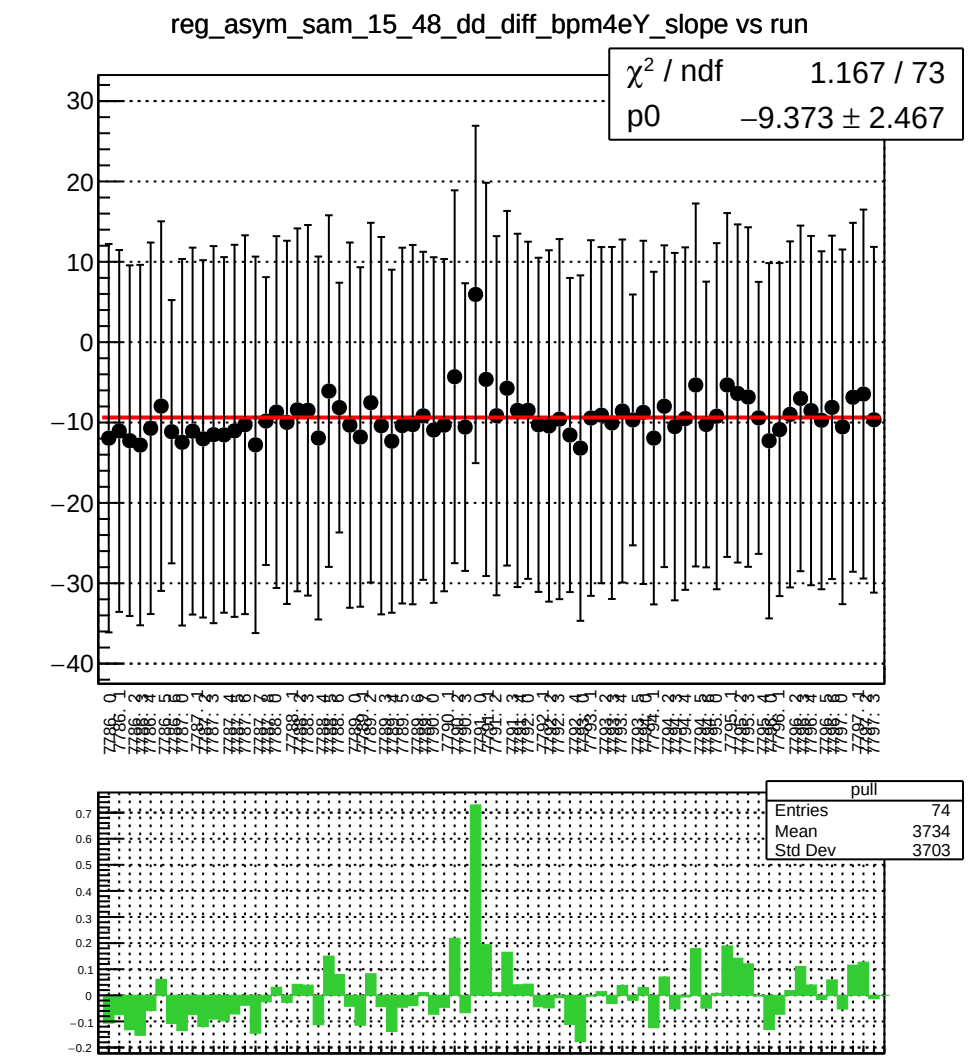

reg_asym_sam_3726_avg_diff_bpm12X_slope vs run
χ² / ndf 2.963 / 73
p0 −0.7501± 0.1126
pull
Entries 74
Mean 454.3
Std Dev 428.5

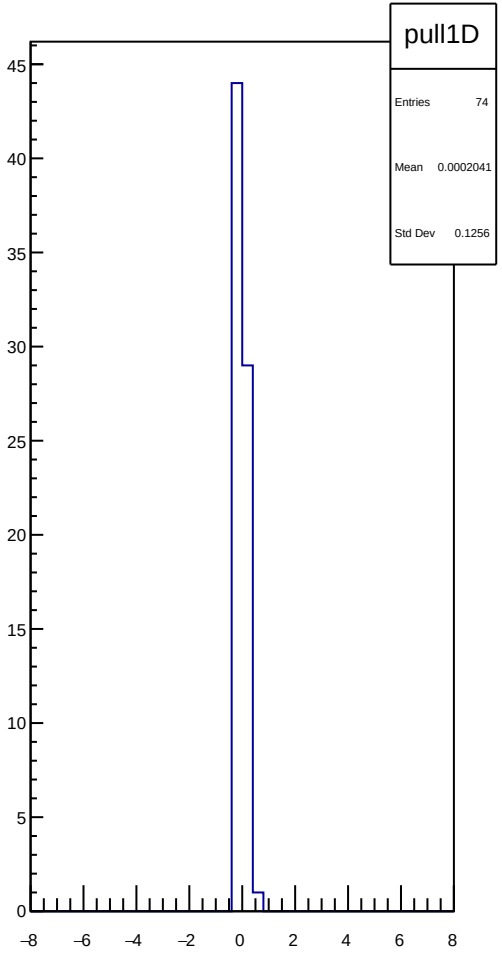

pull1D
Entries 74
Mean −0.001758
Std Dev 0.2001

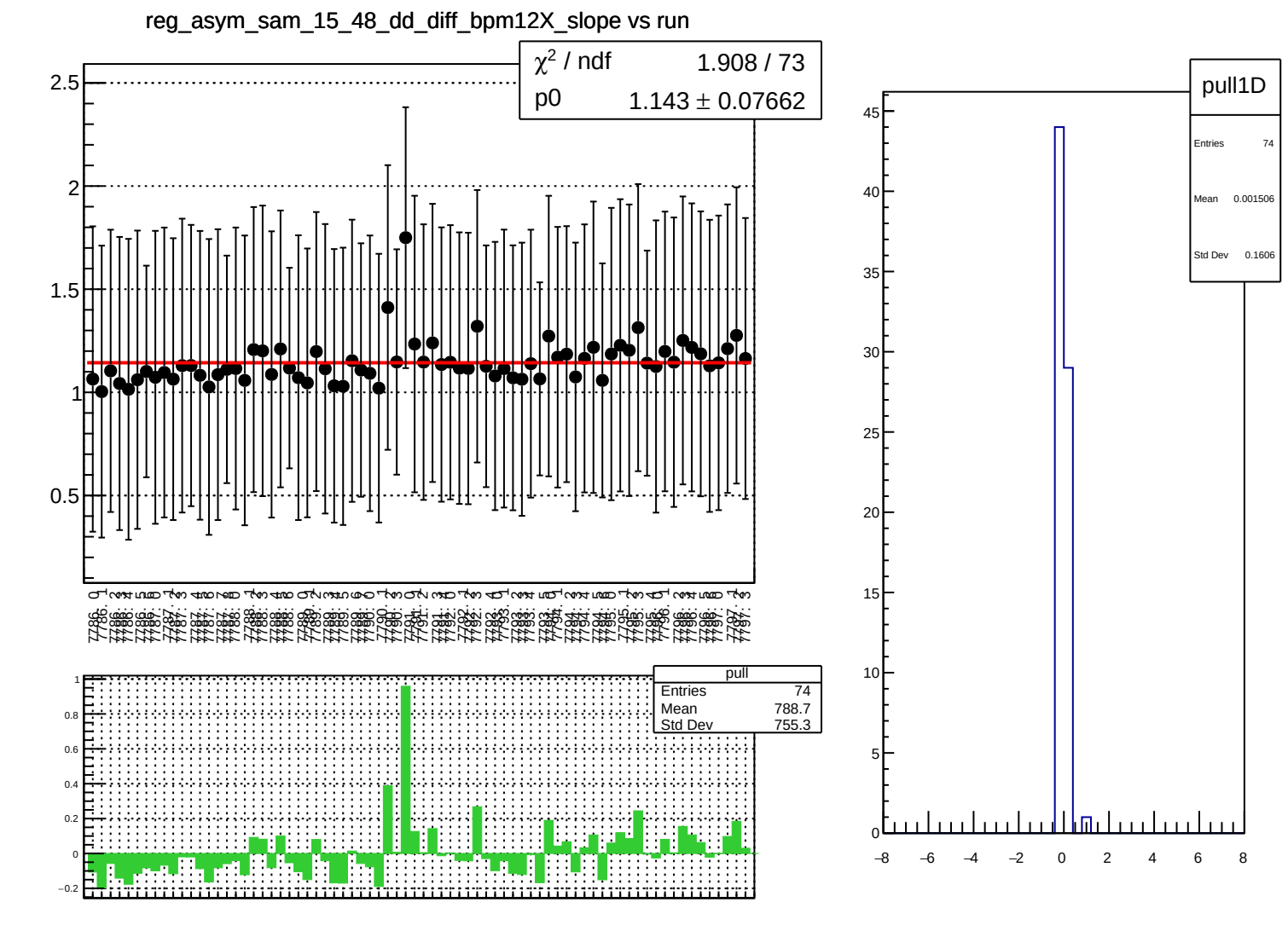

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs run
χ² / ndf 2.301 / 73
p0 26.83 ± 2.143
pull
Entries 74
Mean −957.5
Std Dev 998.1
pull1D
Entries 74
Mean 0.0008306
Std Dev 0.1763

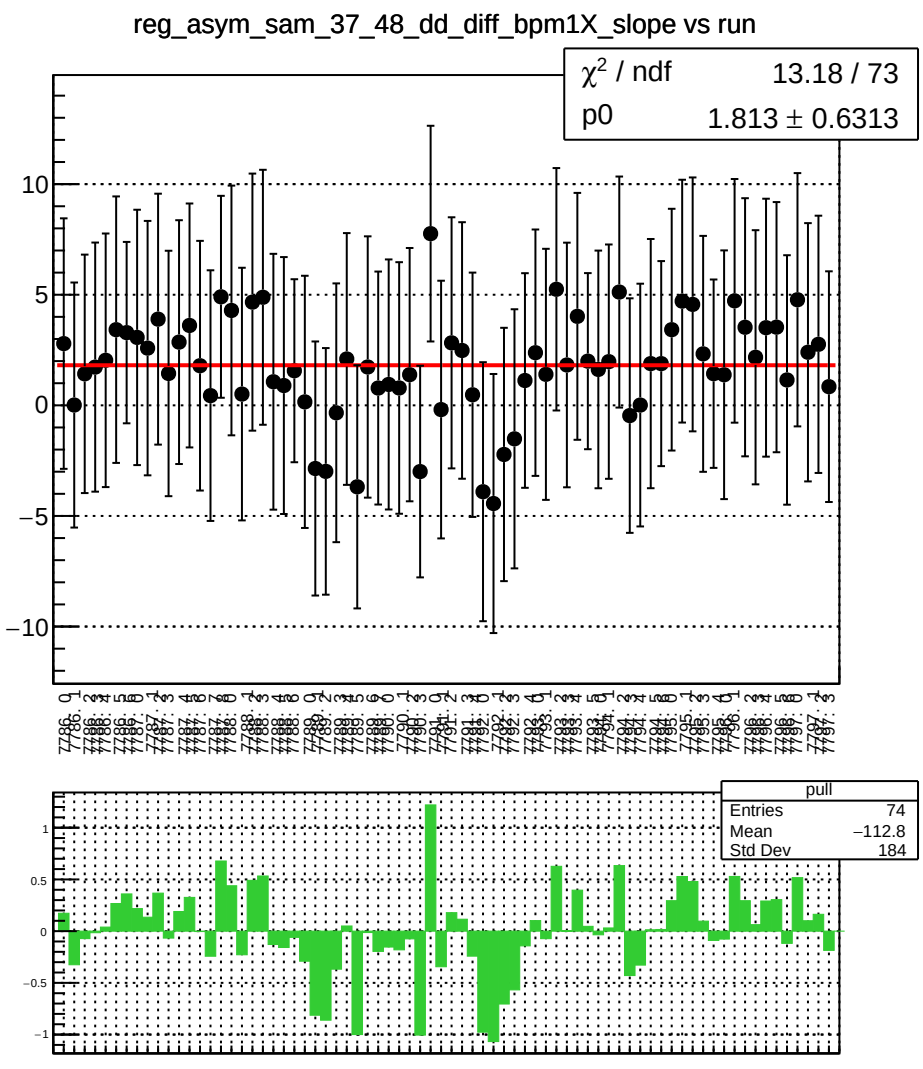

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 1.063 / 73
p0 −19.2 ± 2.177
pull
Entries 74
Mean 2525
Std Dev 2493
pull1D
Entries 74
Mean −0.0002701
Std Dev 0.1198

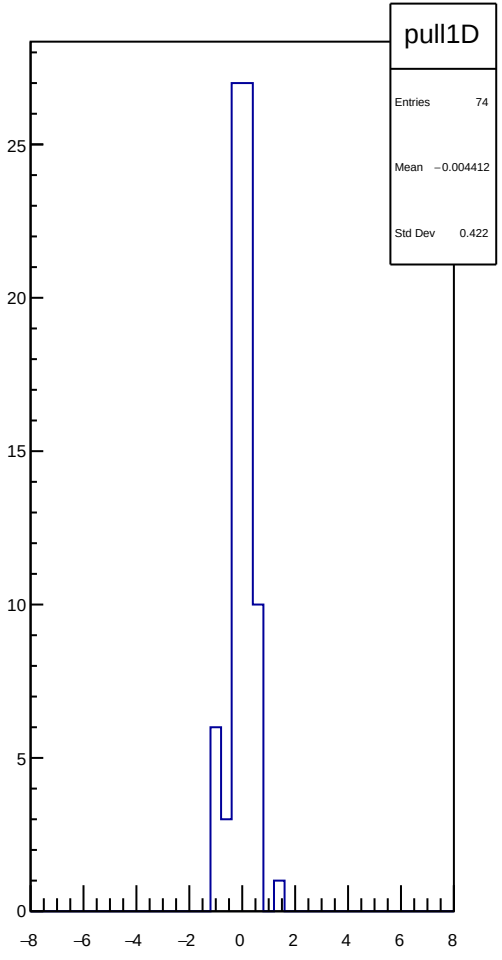

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 2.582 / 73
p0 32.62 ± 1.863
pull
Entries 74
Mean −764.8
Std Dev 802.8
pull1D
Entries 74
Mean −0.001477
Std Dev 0.1868

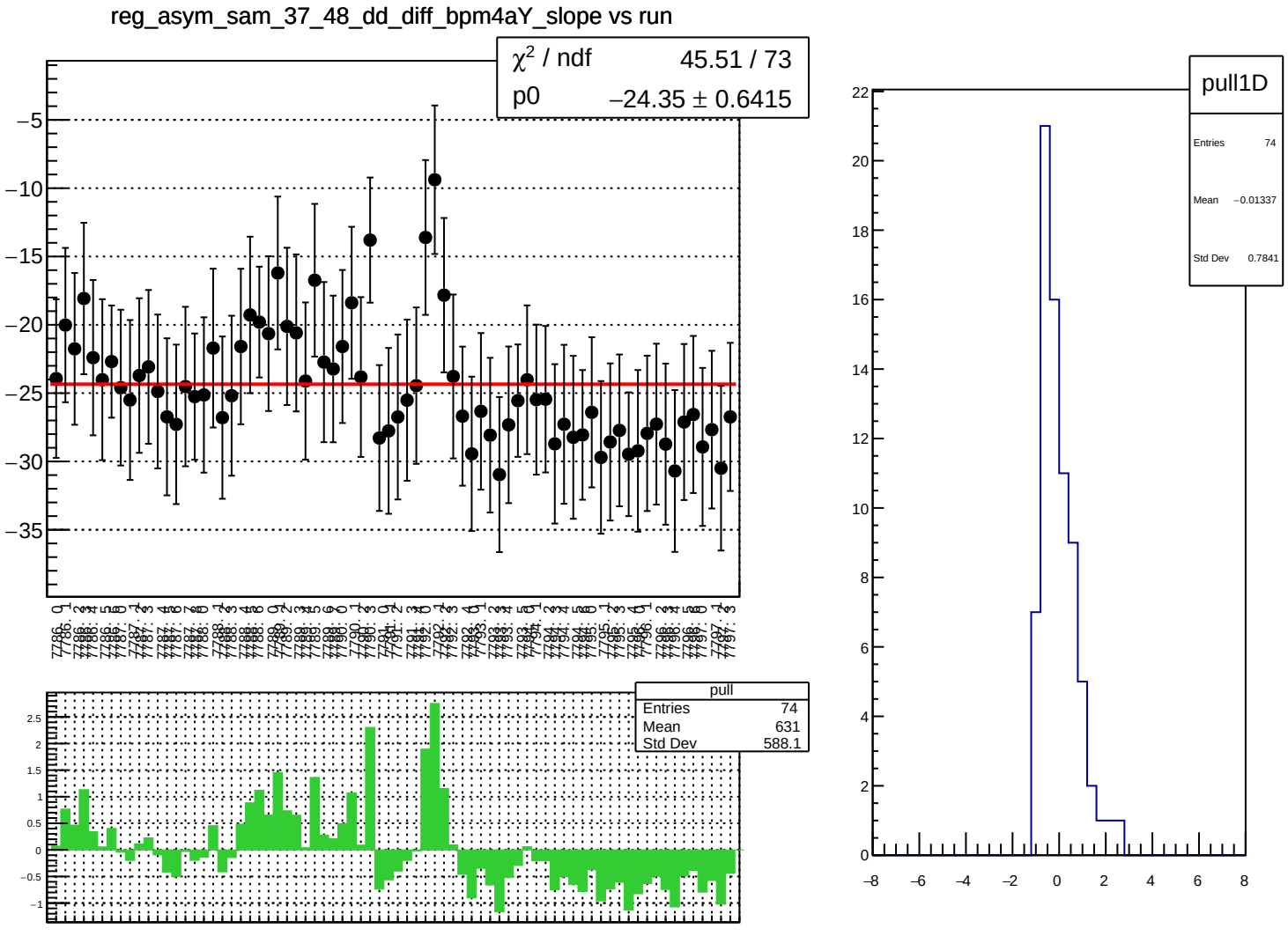

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 1.167 / 73
p0 −9.373 ± 2.467
pull
Entries 74
Mean 3734
Std Dev 3703

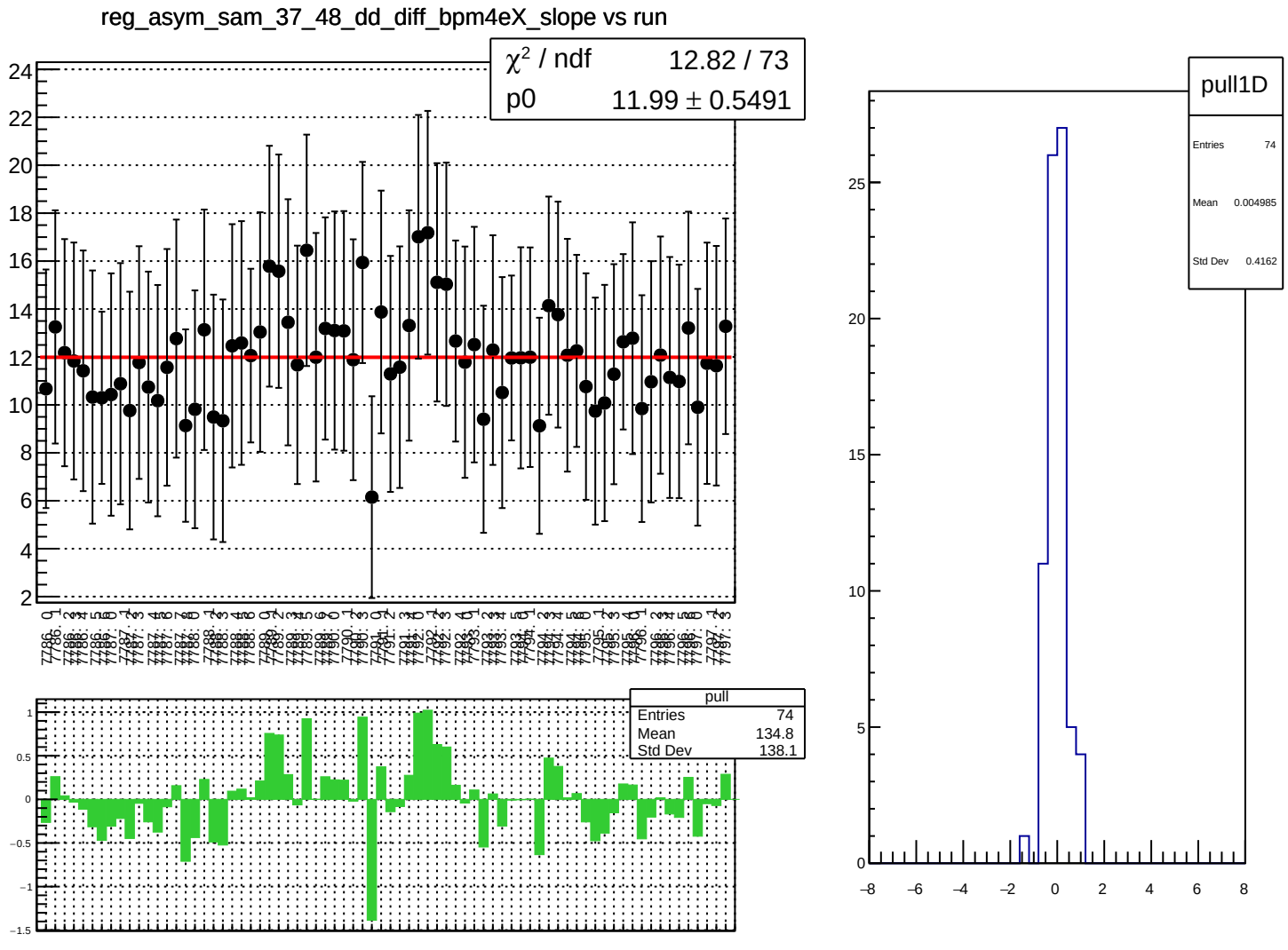

pull1D
Entries 74
Mean 0.0002041
Std Dev 0.1256

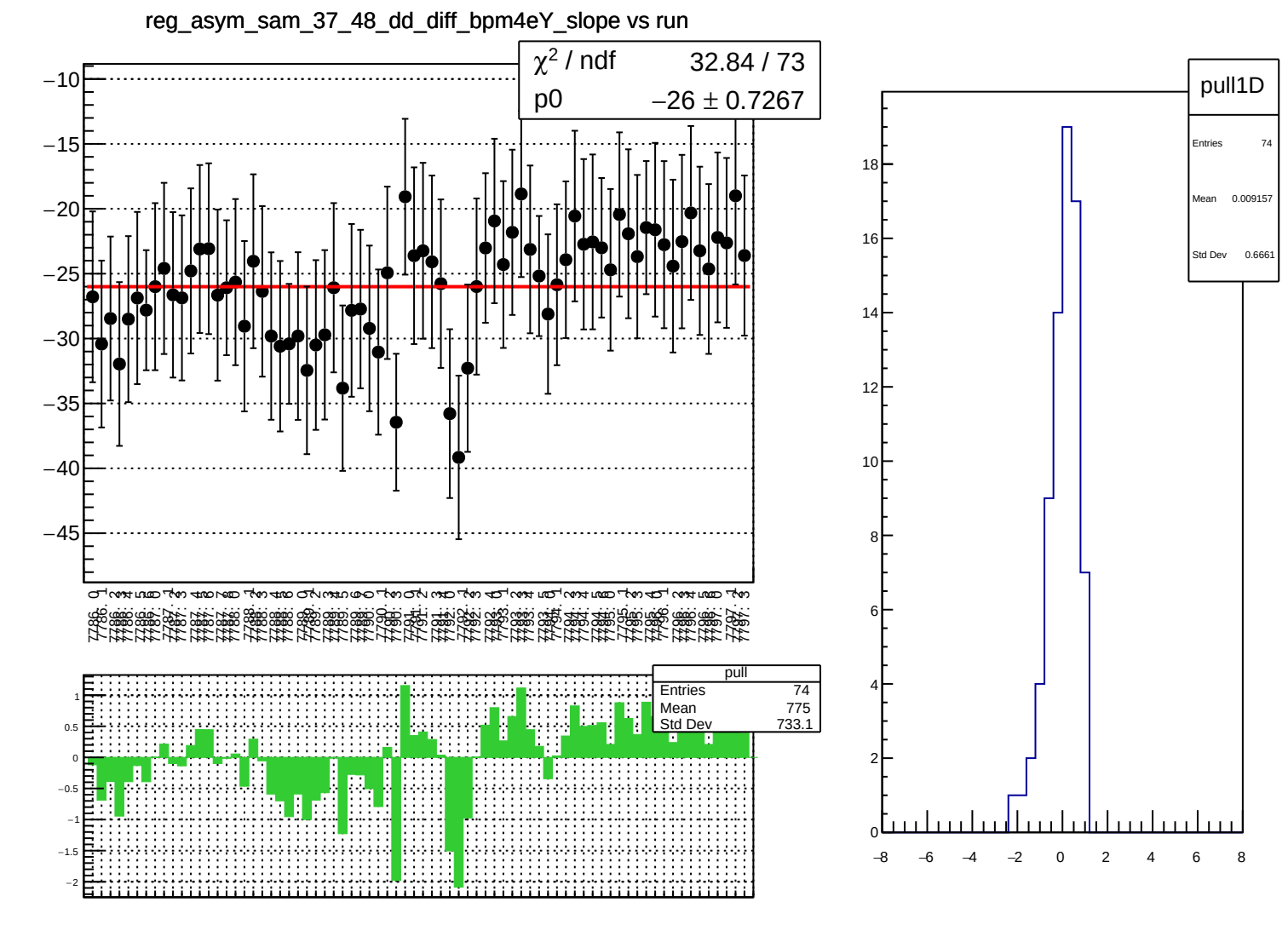

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs run
χ² / ndf 1.908 / 73
p0 1.143 ± 0.07662
pull
Entries 74
Mean 788.7
Std Dev 755.3
pull1D
Entries 74
Mean 0.001506
Std Dev 0.1606

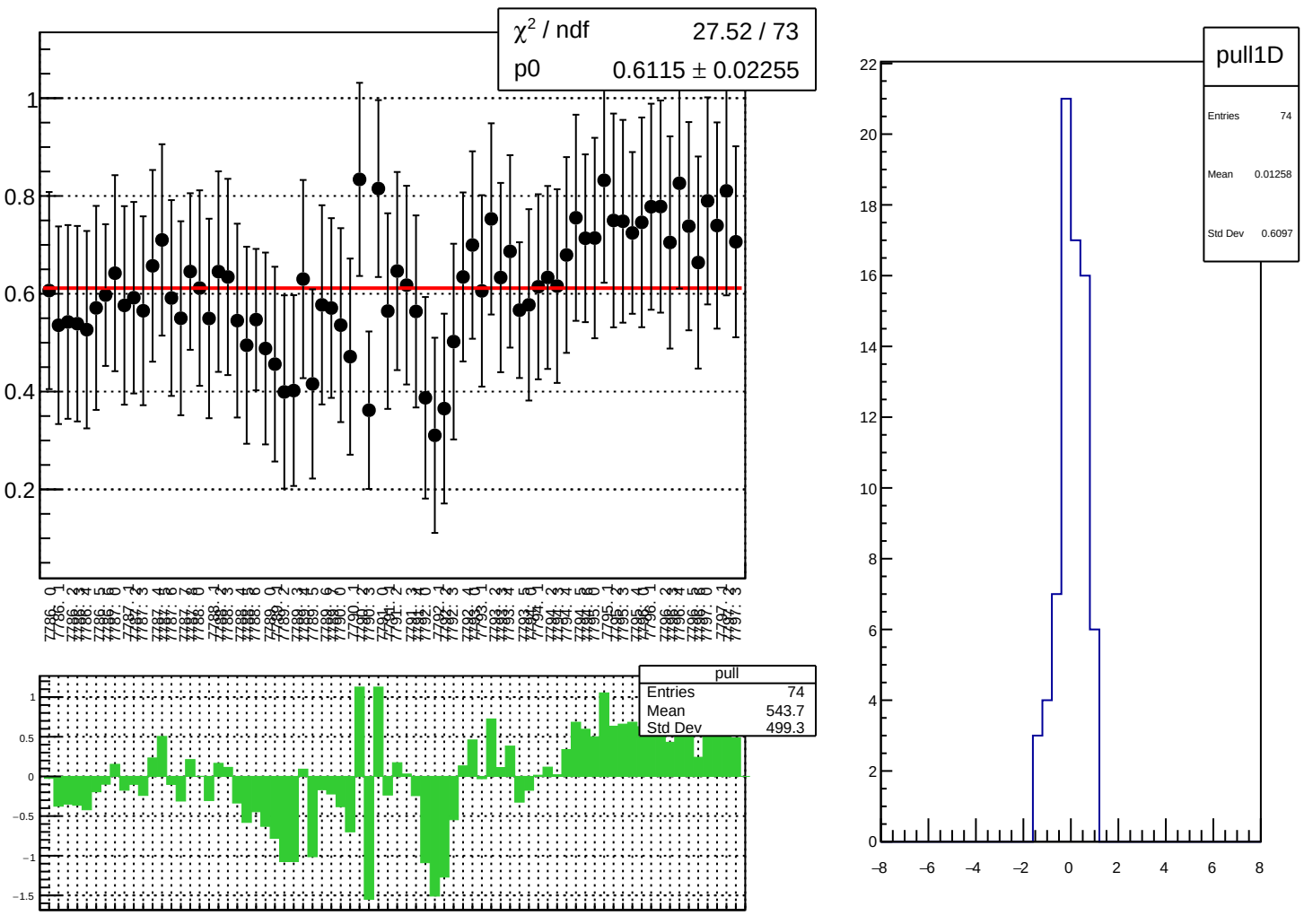

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs run
χ² / ndf 13.18 / 73
p0 1.813 ± 0.6313
pull
Entries 74
Mean −112.8
Std Dev 184

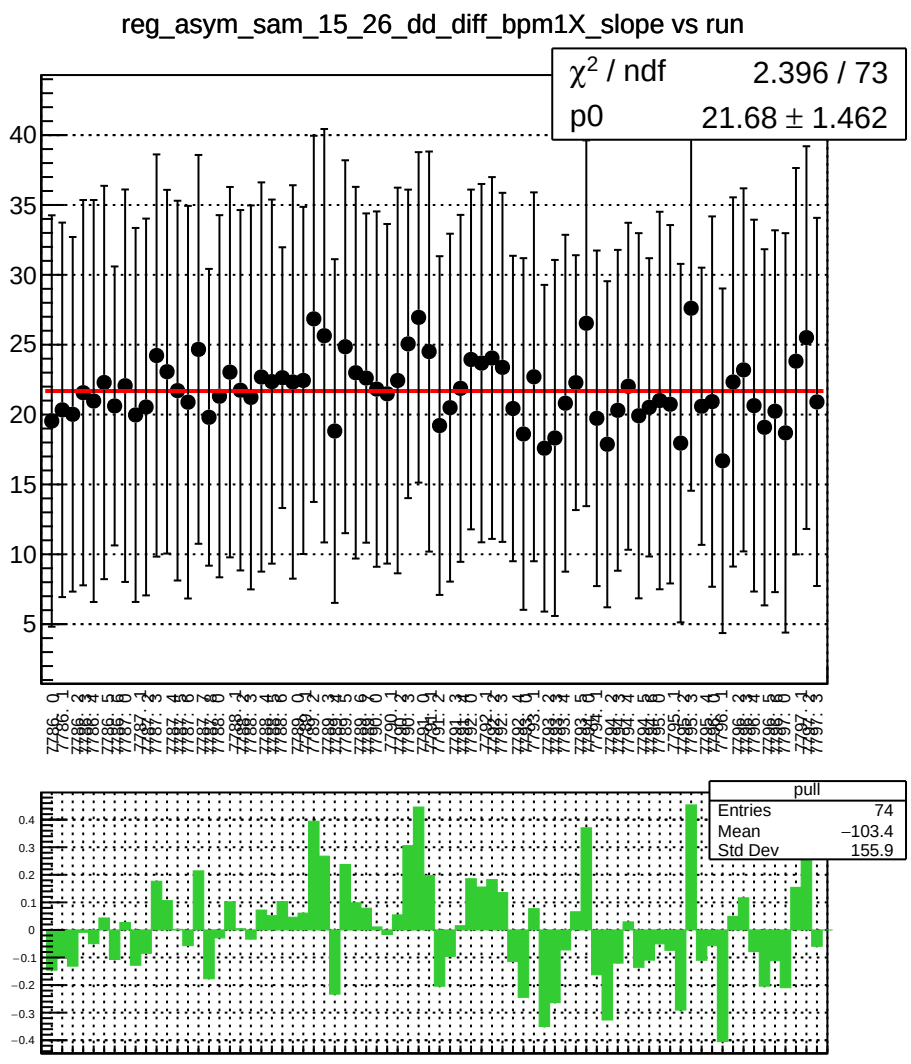

pull1D
Entries 74
Mean −0.004412
Std Dev 0.422

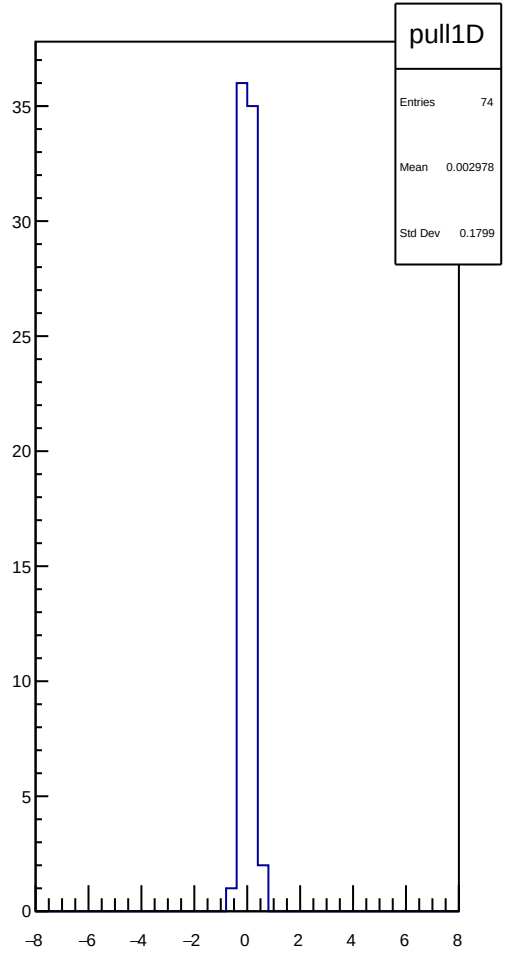

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs run
χ² / ndf 45.51 / 73
p0 −24.35 ± 0.6415
pull
Entries 74
Mean 631
Std Dev 588.1
pull1D
Entries 74
Mean −0.01337
Std Dev 0.7841

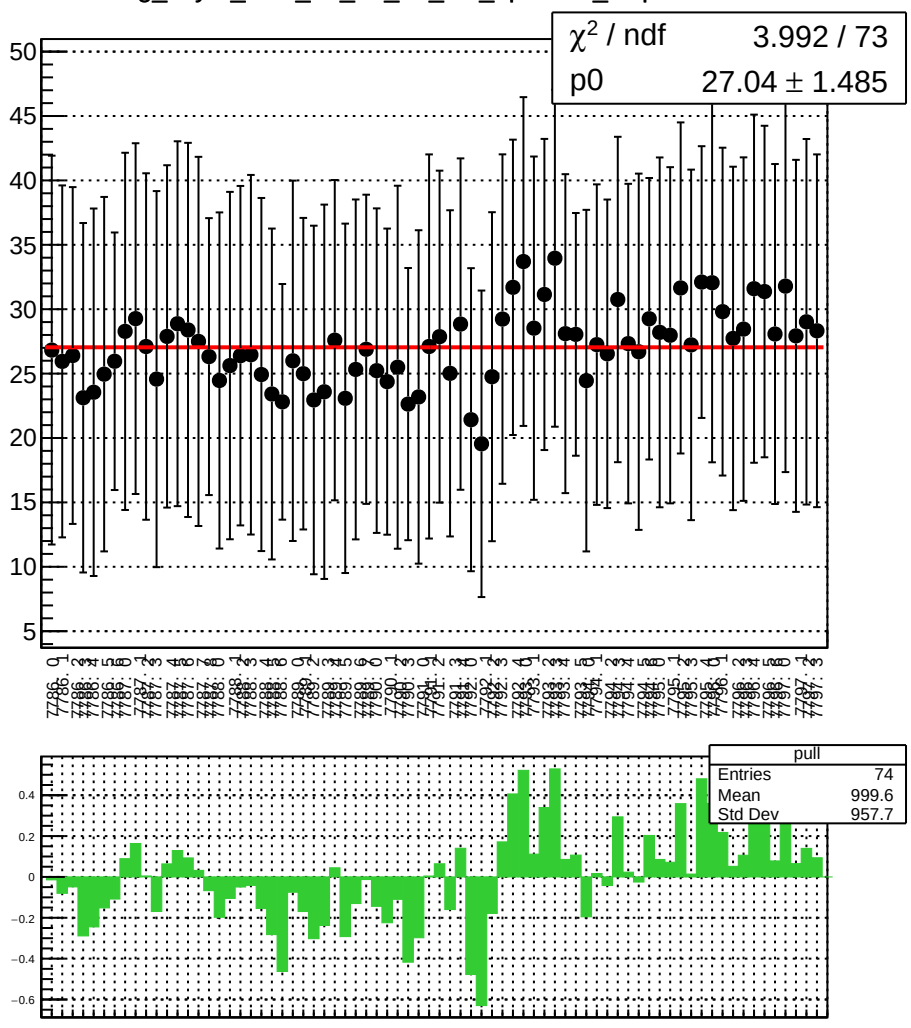

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs run
χ² / ndf 12.82 / 73
p0 11.99 ± 0.5491
pull
Entries 74
Mean 134.8
Std Dev 138.1
pull1D
Entries 74
Mean 0.004985
Std Dev 0.4162

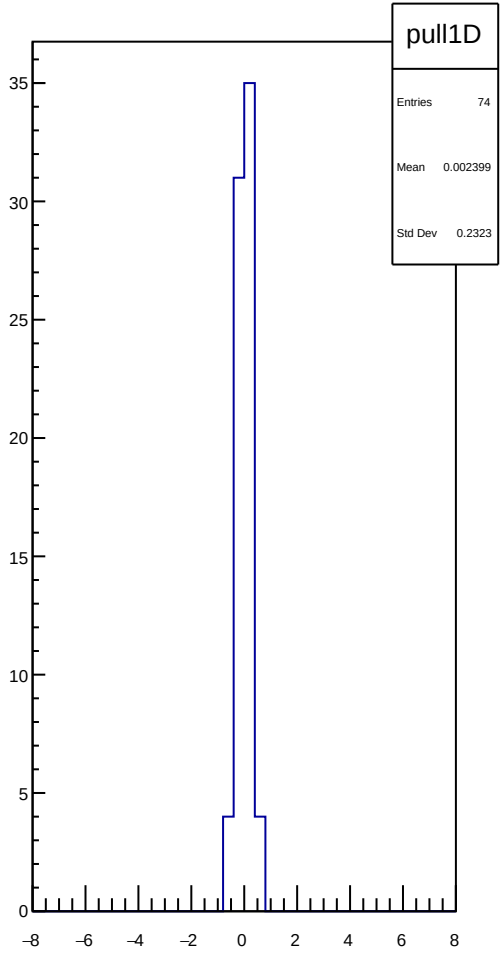

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs run
χ² / ndf 32.84 / 73
p0 −26 ± 0.7267
pull
Entries 74
Mean 775
Std Dev 733.1
pull1D
Entries 74
Mean 0.009157
Std Dev 0.6661

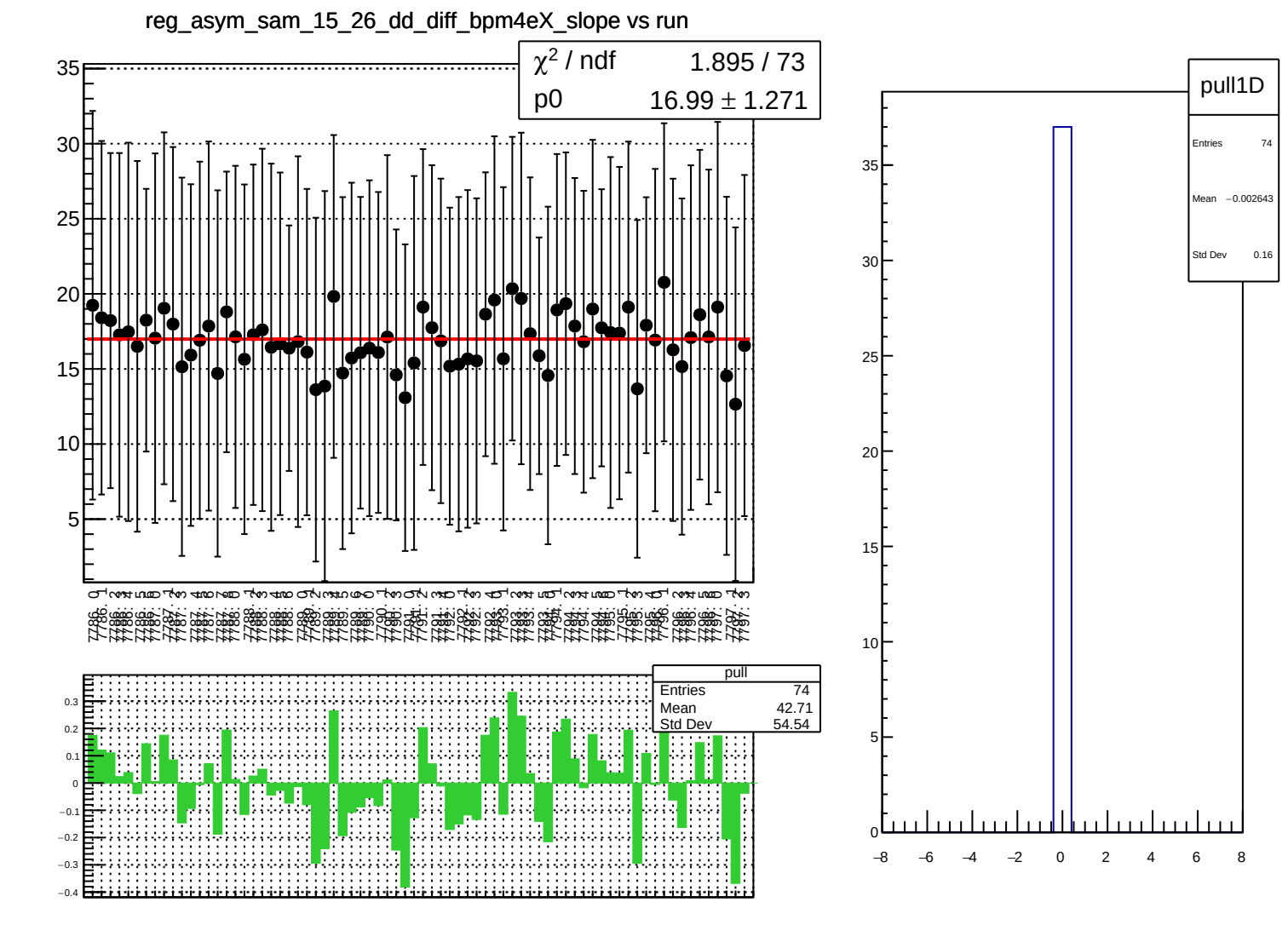

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs run
χ² / ndf 27.52 / 73
p0 0.6115 ± 0.02255
pull
Entries 74
Mean 543.7
Std Dev 499.3
pull1D
Entries 74
Mean 0.01258
Std Dev 0.6097

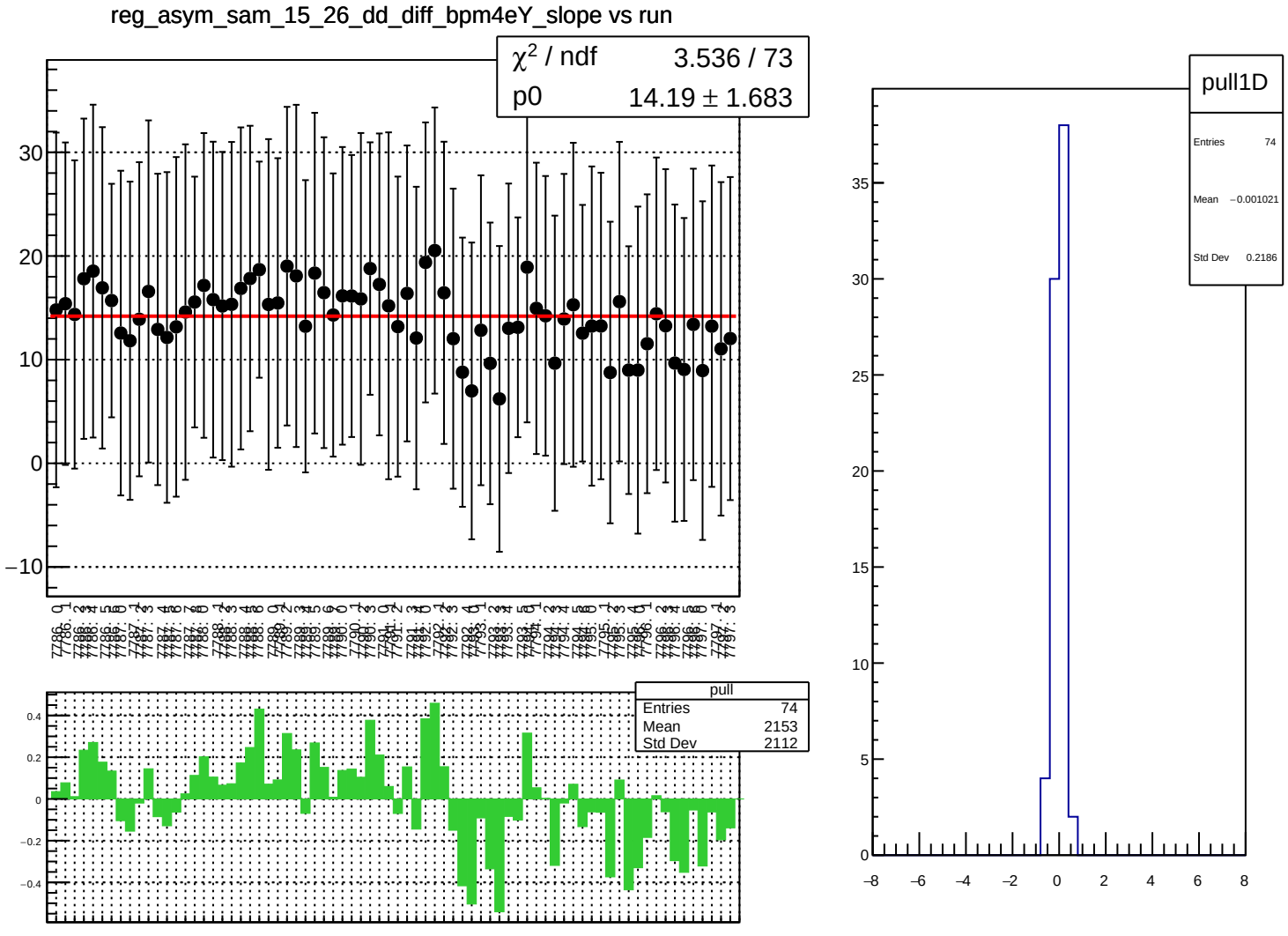

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs run
χ² / ndf 2.396 / 73
p0 21.68 ± 1.462
pull
Entries 74
Mean −103.4
Std Dev 155.9

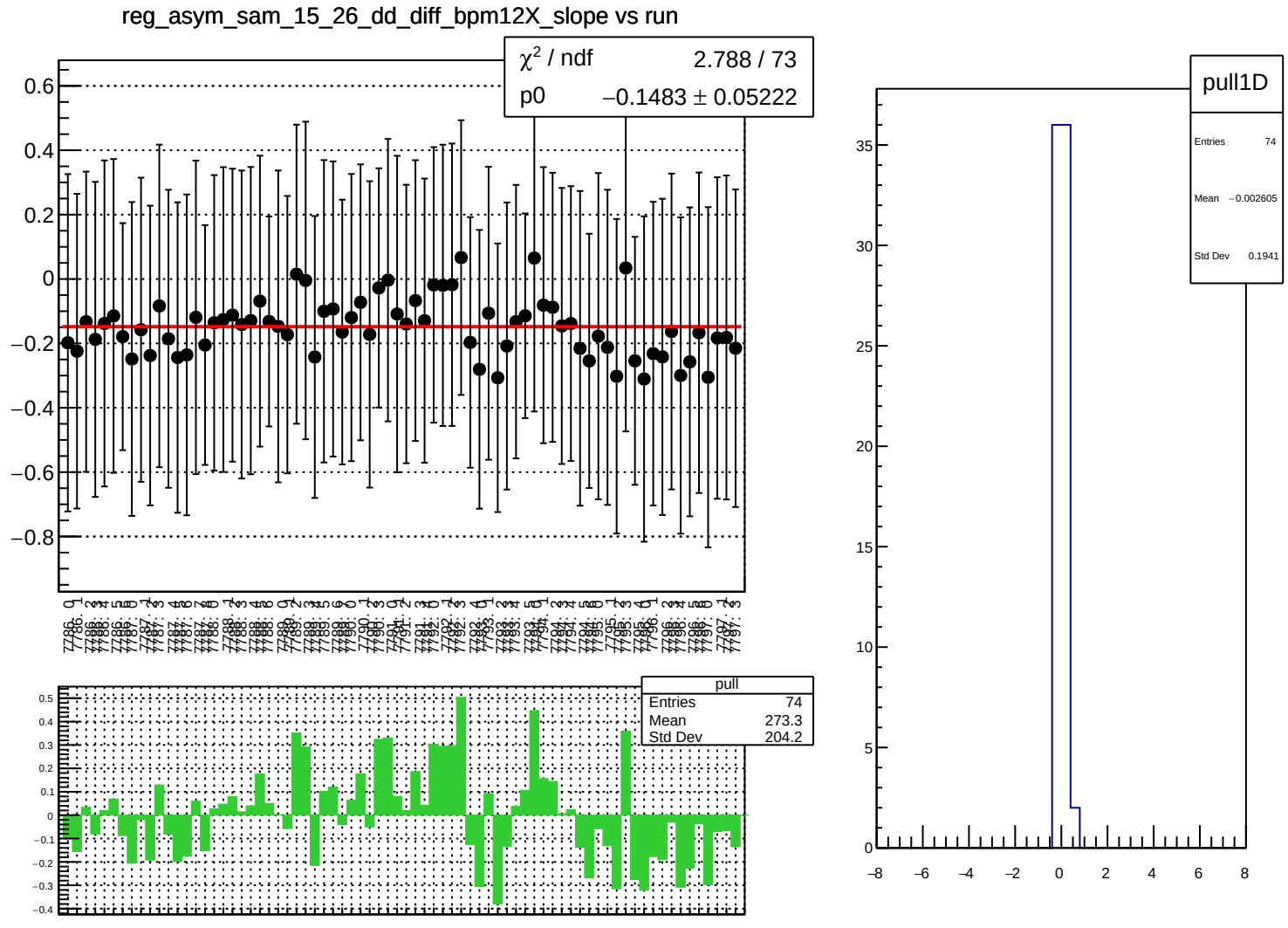

pull1D
Entries 74
Mean 0.002978
Std Dev 0.1799

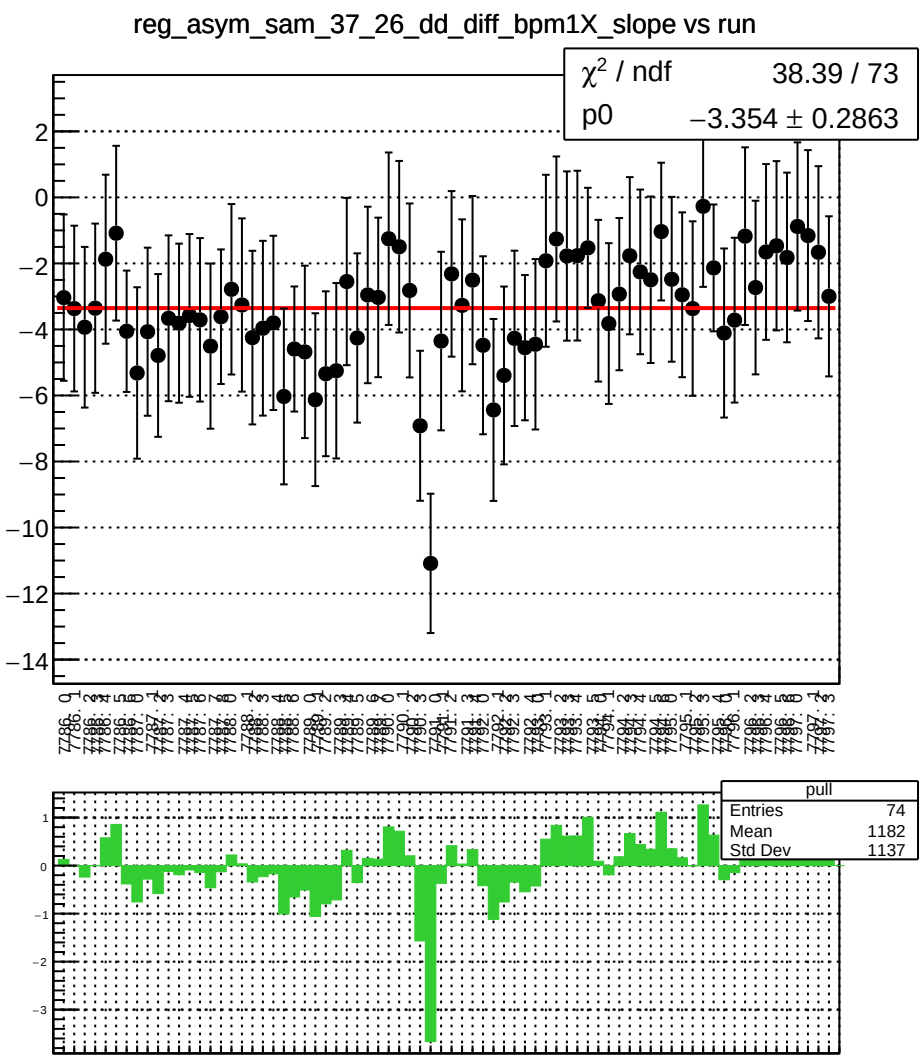

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 3.992 / 73
p0 27.04 ± 1.485
pull
Entries 74
Mean 999.6
Std Dev 957.7

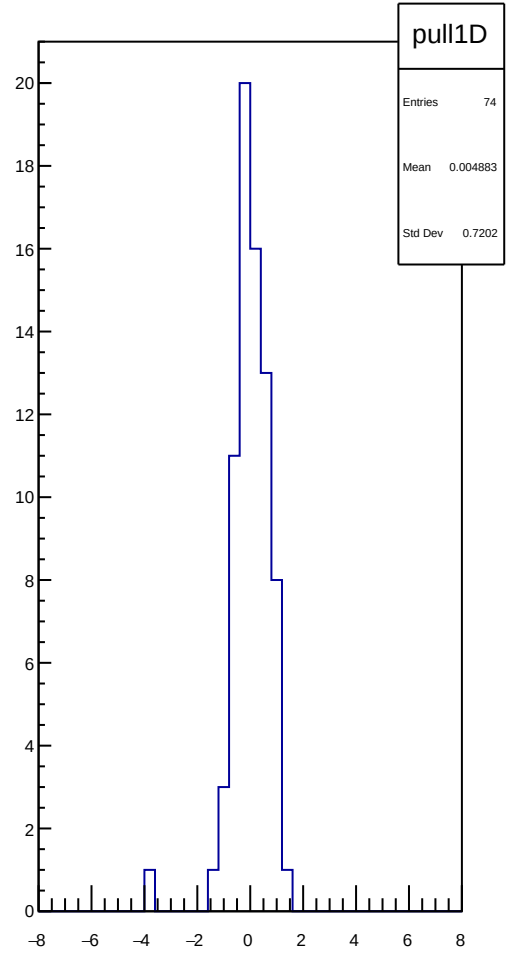

pull1D
Entries 74
Mean 0.002399
Std Dev 0.2323

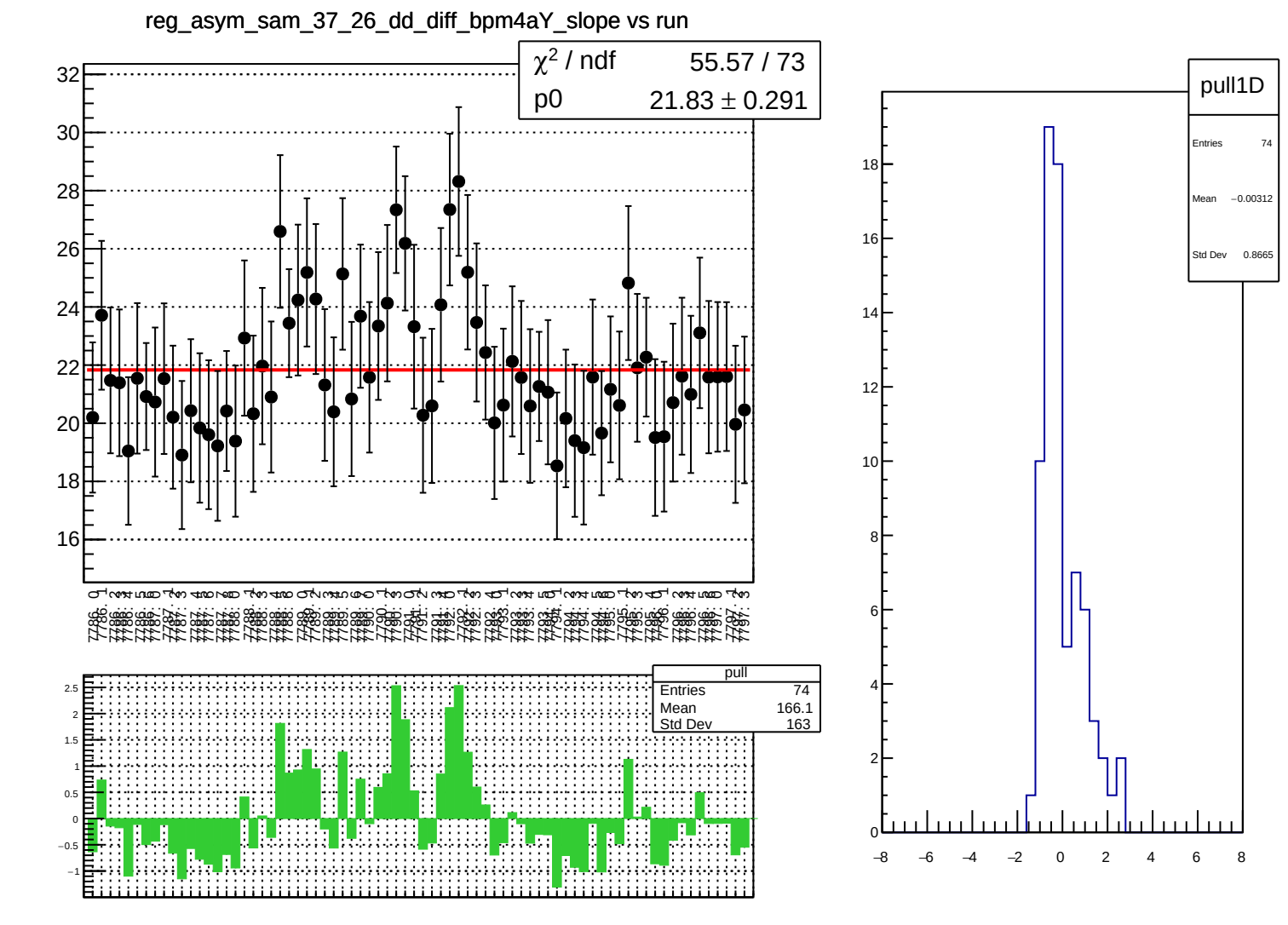

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 1.895 / 73
p0 16.99 ± 1.271
pull
Entries 74
Mean 42.71
Std Dev 54.54
pull1D
Entries 74
Mean −0.002643
Std Dev 0.16

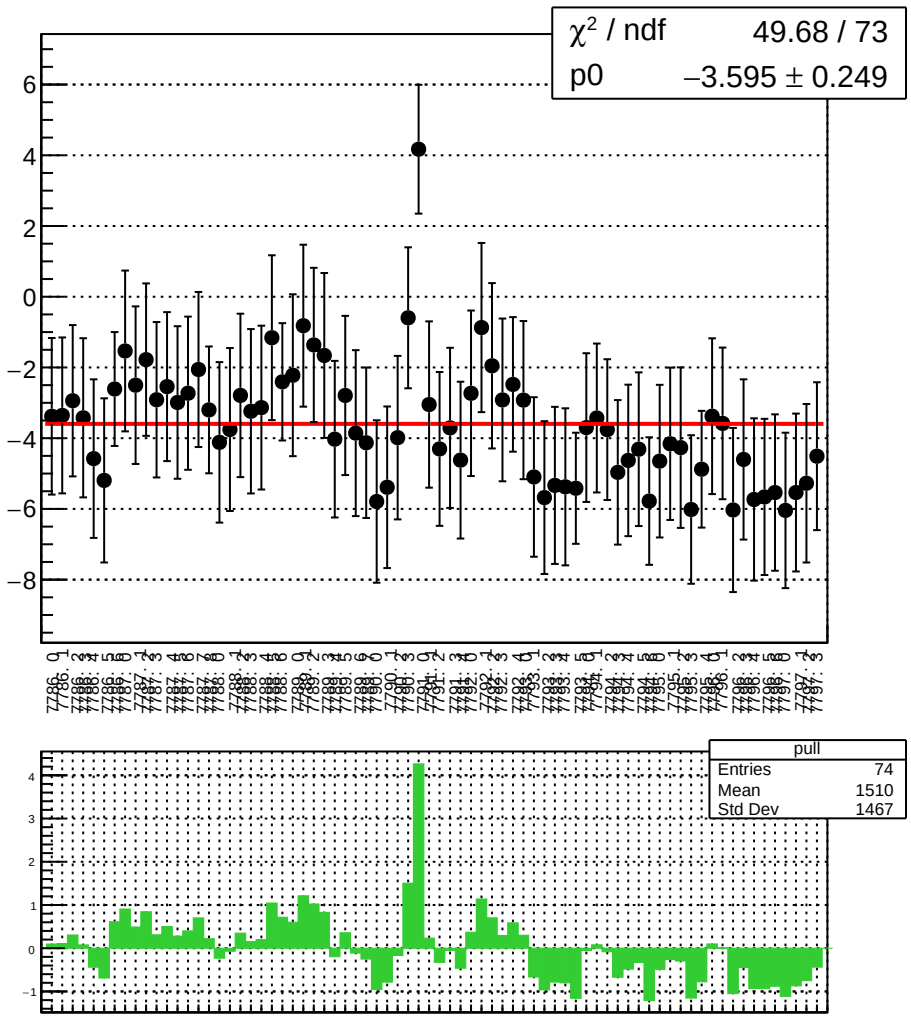

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 3.536 / 73
p0 14.19 ± 1.683
pull
Entries 74
Mean 2153
Std Dev 2112
pull1D
Entries 74
Mean −0.001021
Std Dev 0.2186

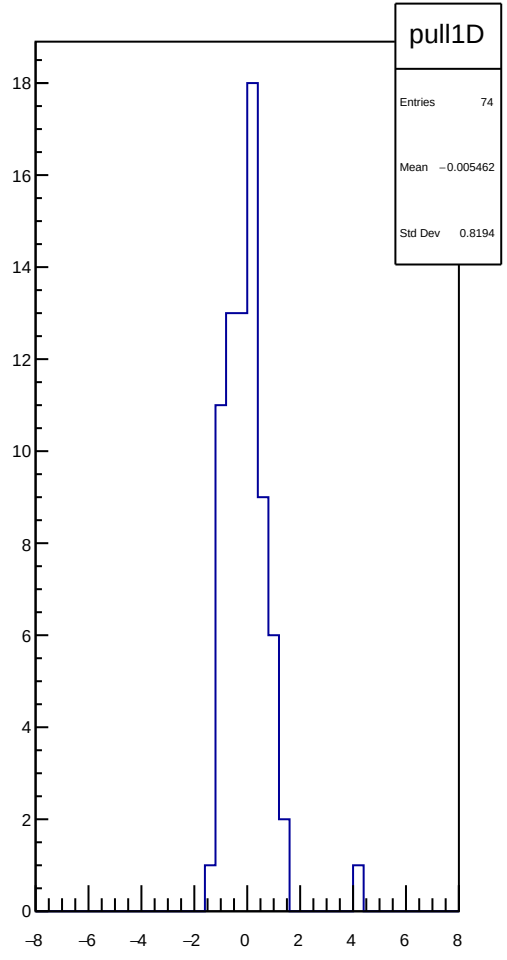

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs run
χ² / ndf 2.788 / 73
p0 −0.1483 ± 0.05222
pull
Entries 74
Mean 273.3
Std Dev 204.2
pull1D
Entries 74
Mean −0.002605
Std Dev 0.1941

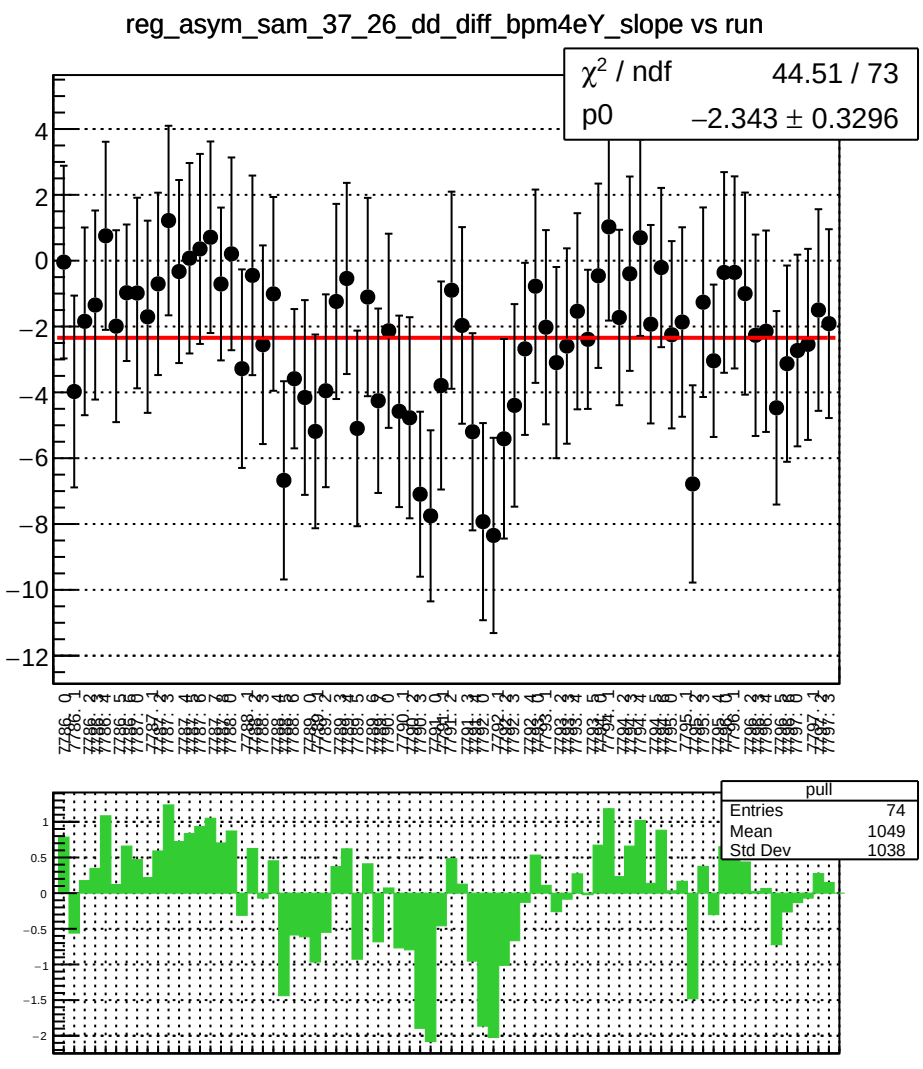

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs run
χ² / ndf 38.39 / 73
p0 −3.354 ± 0.2863
pull
Entries 74
Mean 1182
Std Dev 1137

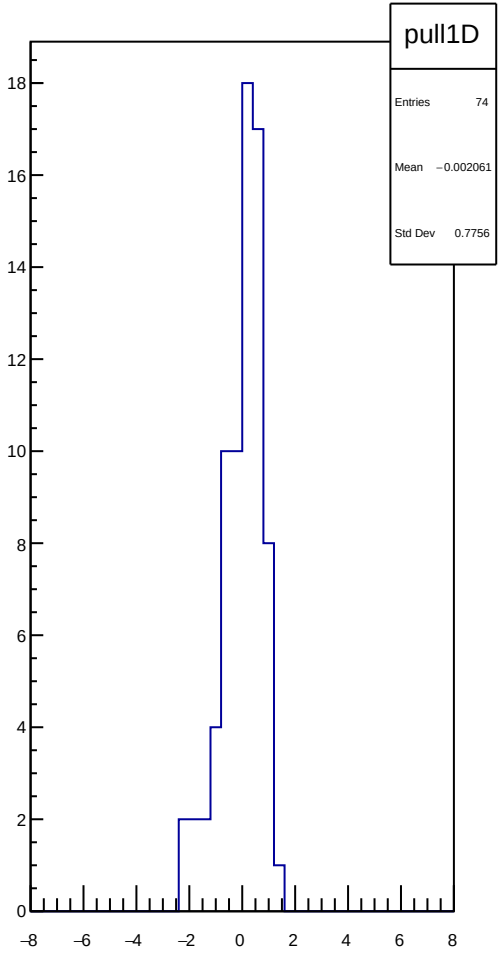

pull1D
Entries 74
Mean 0.004883
Std Dev 0.7202

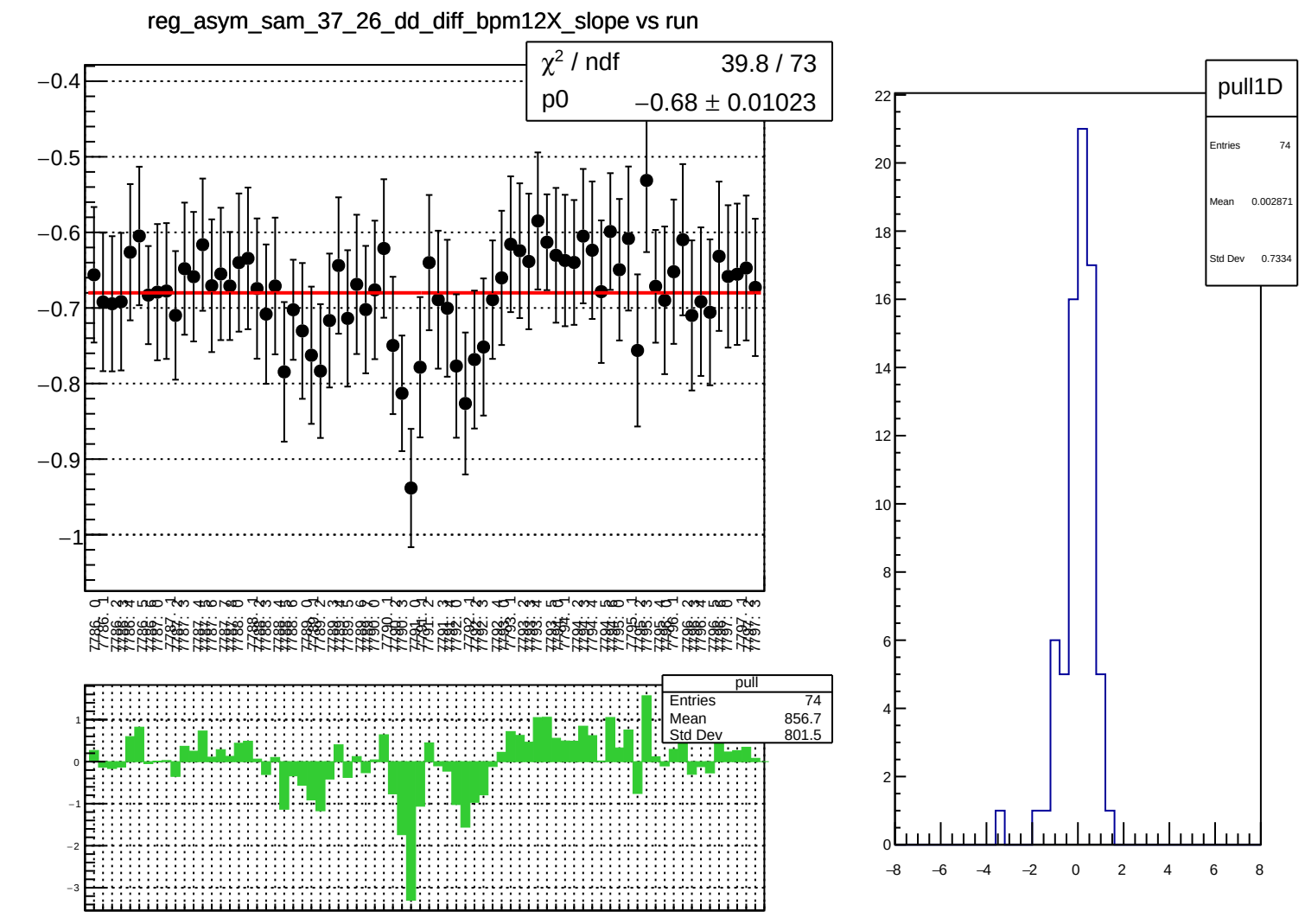

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs run
χ² / ndf 55.57 / 73
p0 21.83 ± 0.291
pull
Entries 74
Mean 166.1
Std Dev 163
pull1D
Entries 74
Mean −0.00312
Std Dev 0.8665

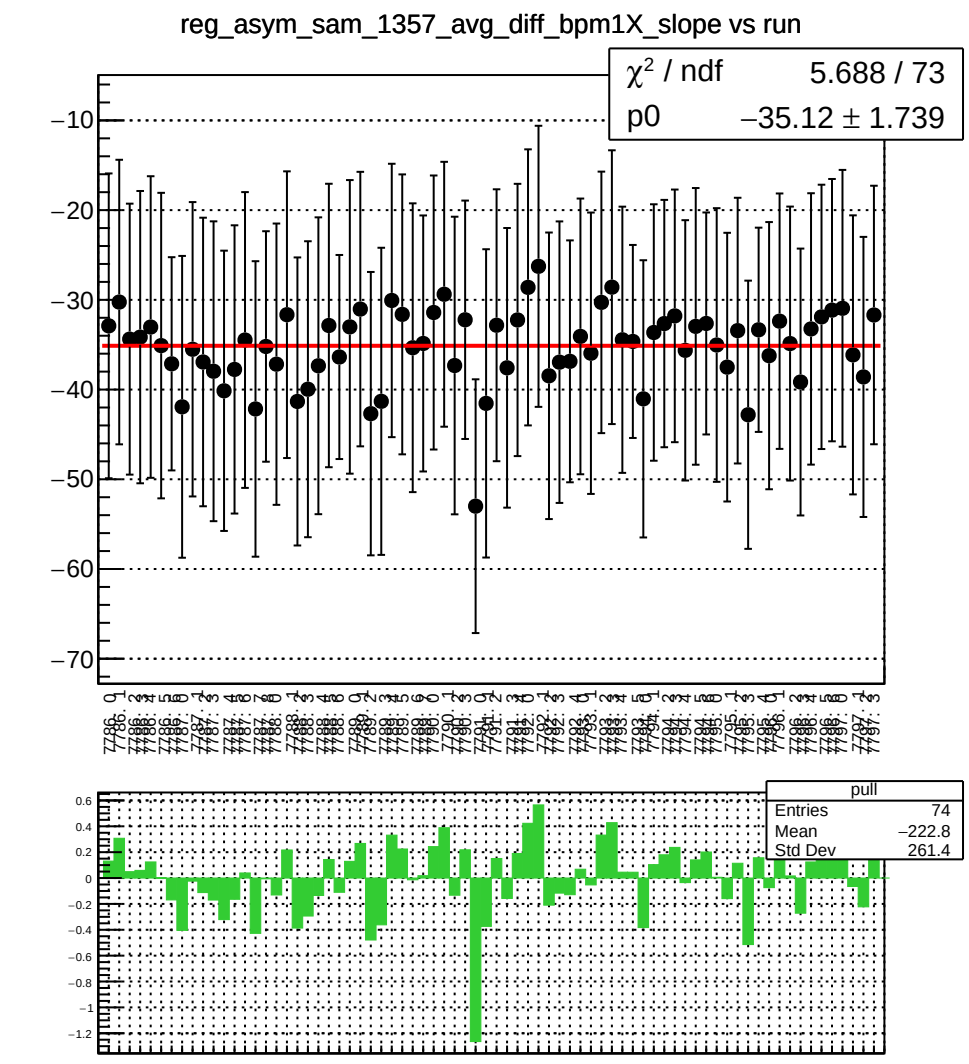

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs run
χ² / ndf 49.68 / 73
p0 −3.595 ± 0.249
pull
Entries 74
Mean 1510
Std Dev 1467

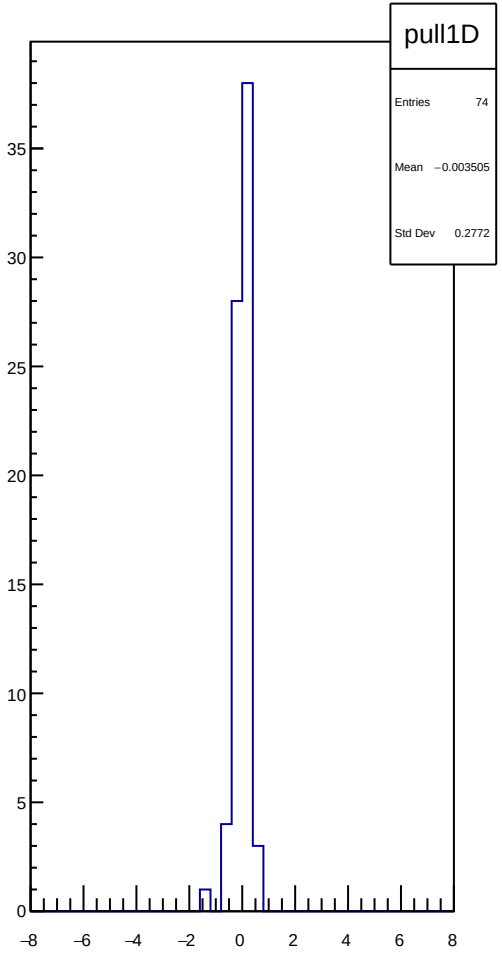

pull1D
Entries 74
Mean −0.005462
Std Dev 0.8194

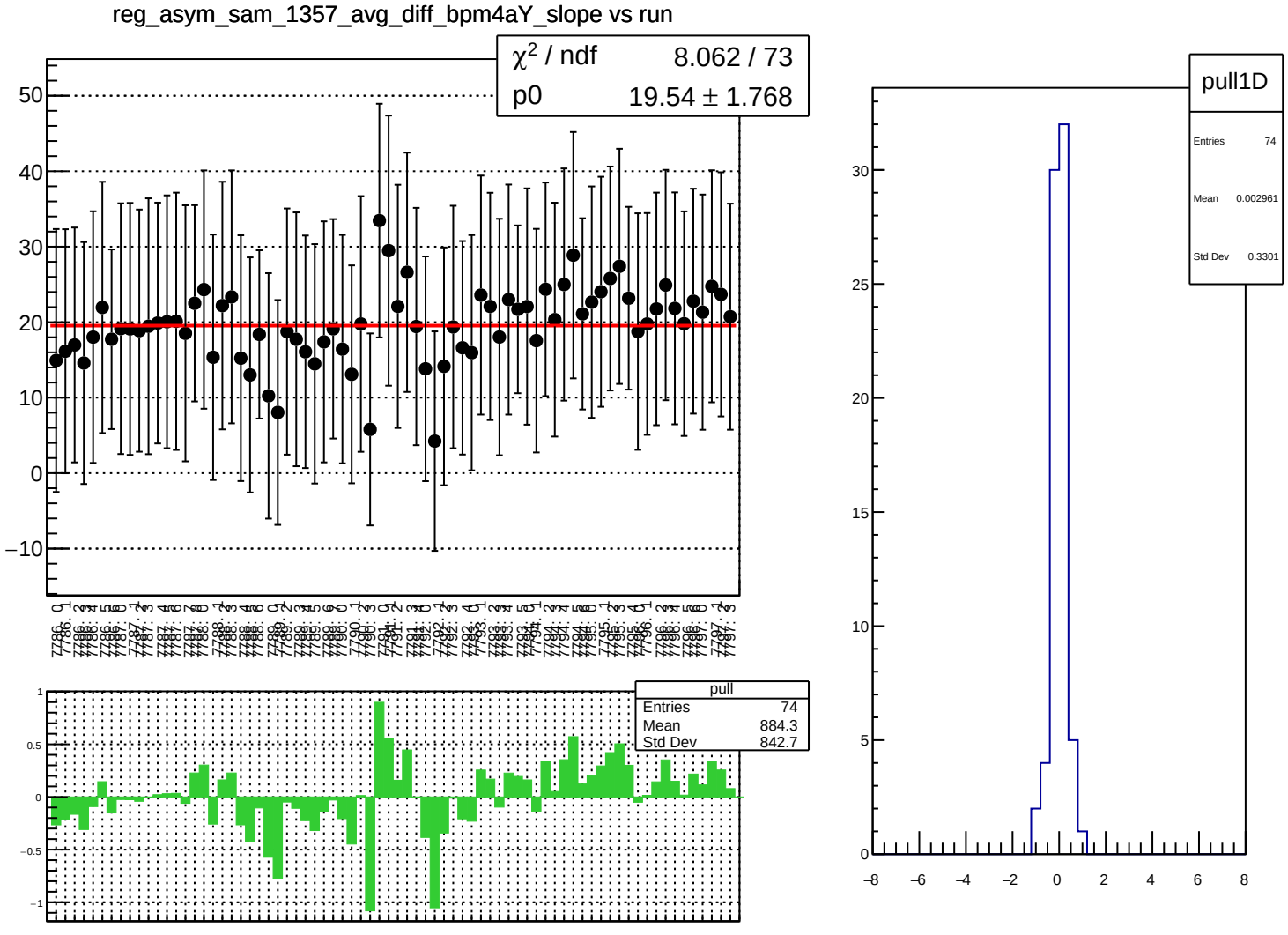

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs run
χ² / ndf 44.51 / 73
p0 −2.343 ± 0.3296
pull
Entries 74
Mean 1049
Std Dev 1038

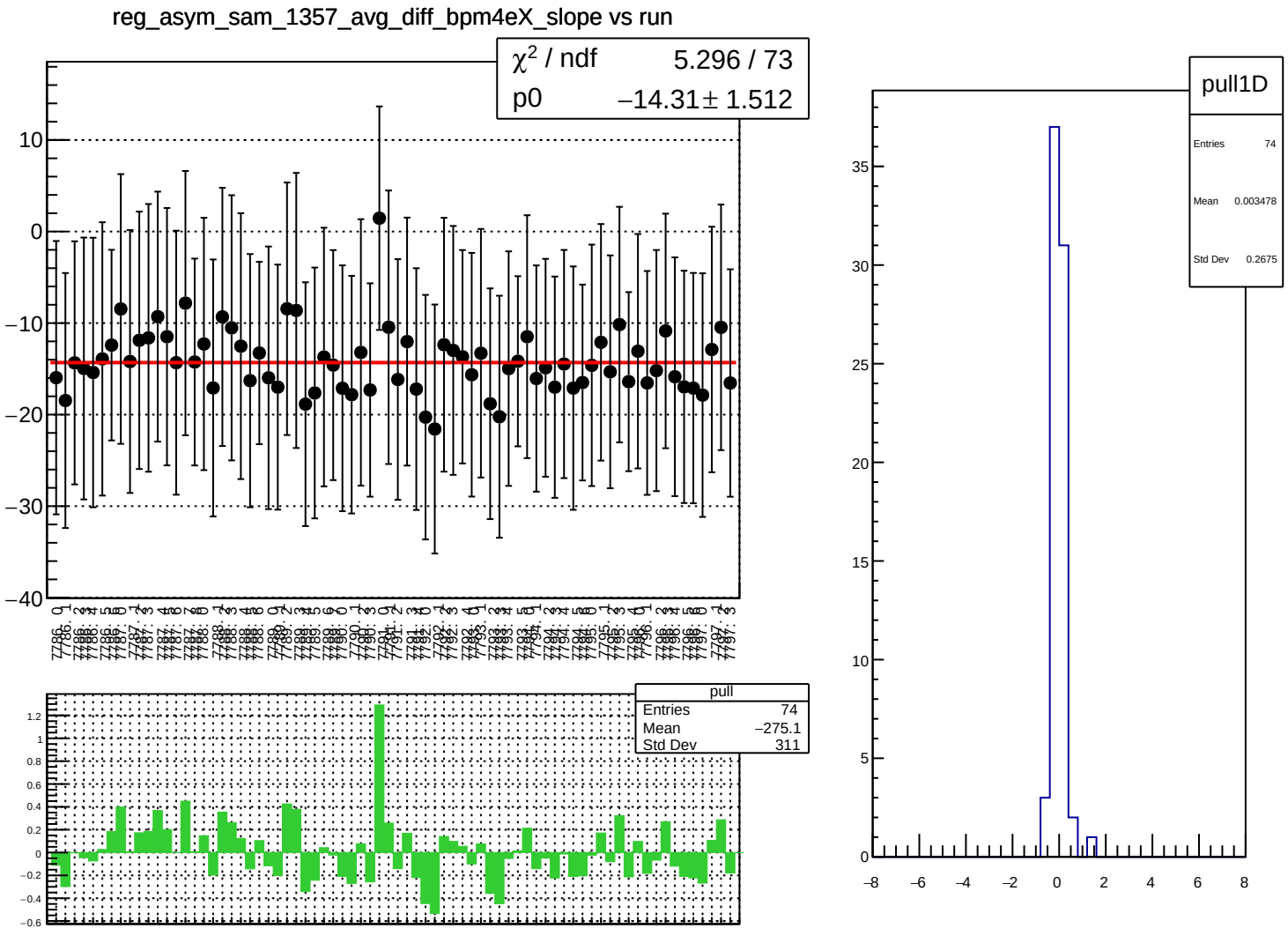

pull1D
Entries 74
Mean −0.002061
Std Dev 0.7756

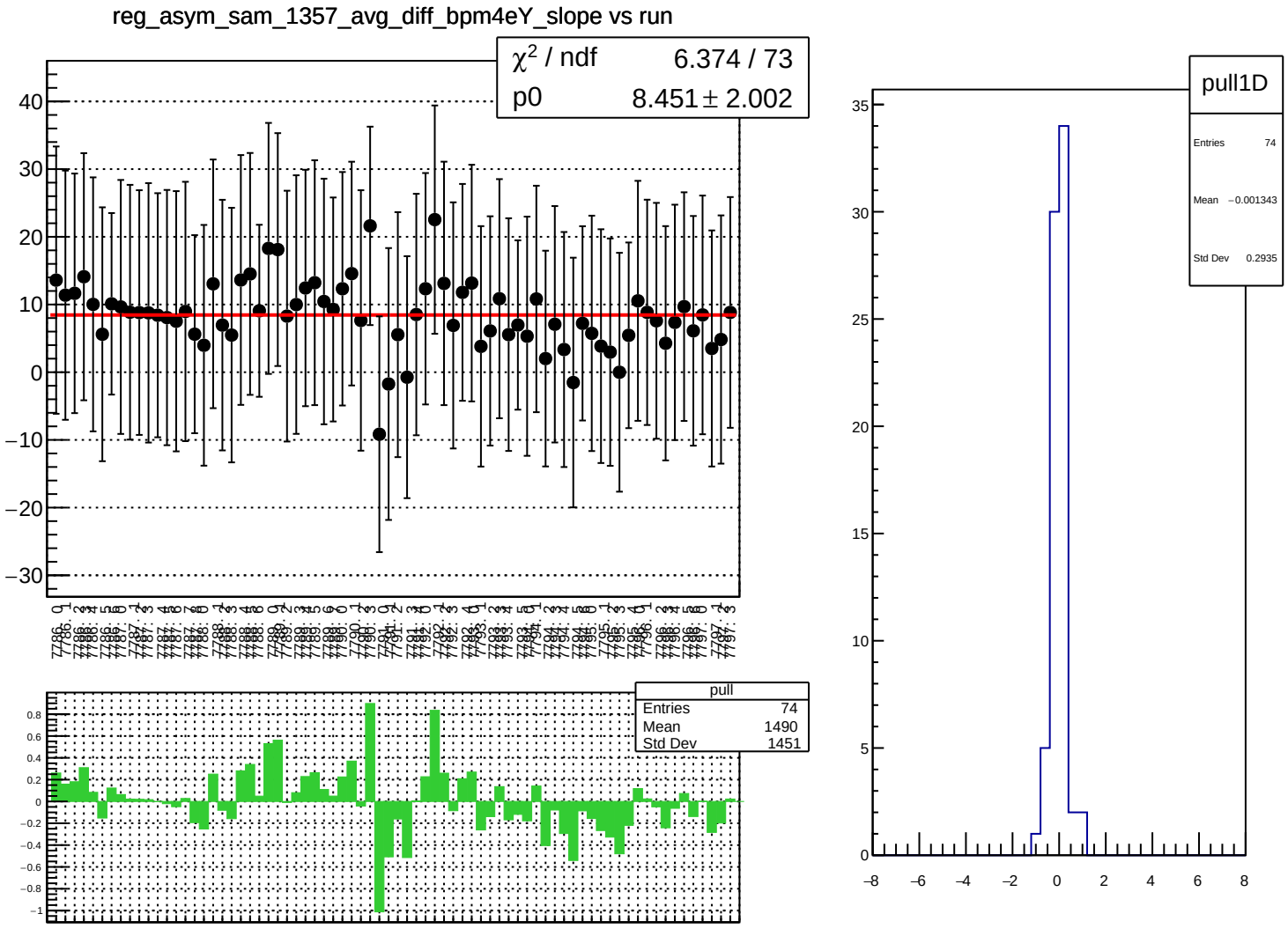

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs run
χ² / ndf 39.8 / 73
p0 −0.68 ± 0.01023
pull
Entries 74
Mean 856.7
Std Dev 801.5
pull1D
Entries 74
Mean 0.002871
Std Dev 0.7334

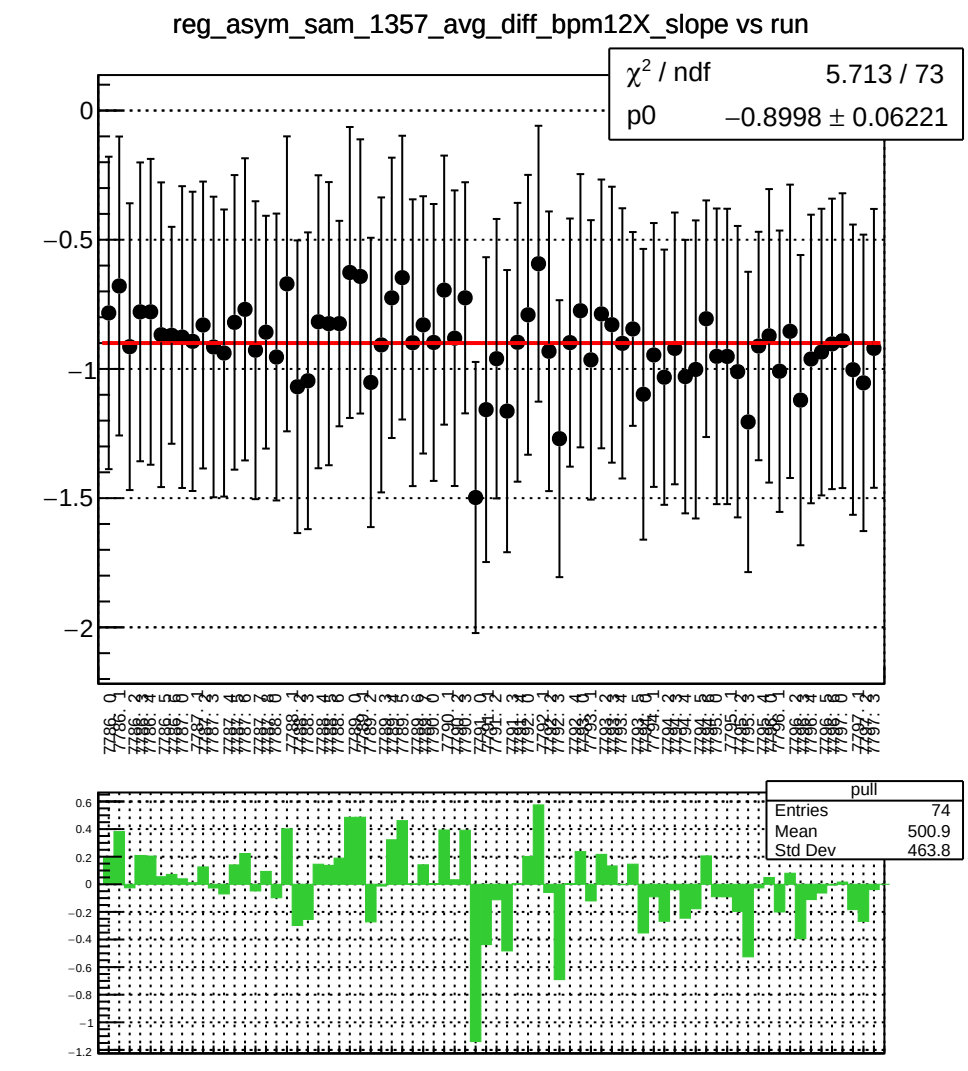

reg_asym_sam_1357_avg_diff_bpm1X_slope vs run
χ² / ndf 5.688 / 73
p0 −35.12 ± 1.739
pull
Entries 74
Mean −222.8
Std Dev 261.4

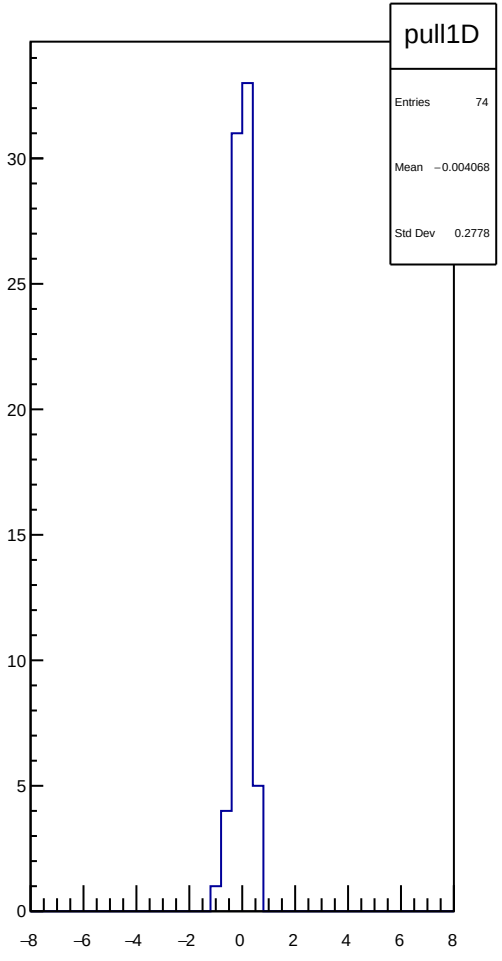

pull1D
Entries 74
Mean −0.003505
Std Dev 0.2772

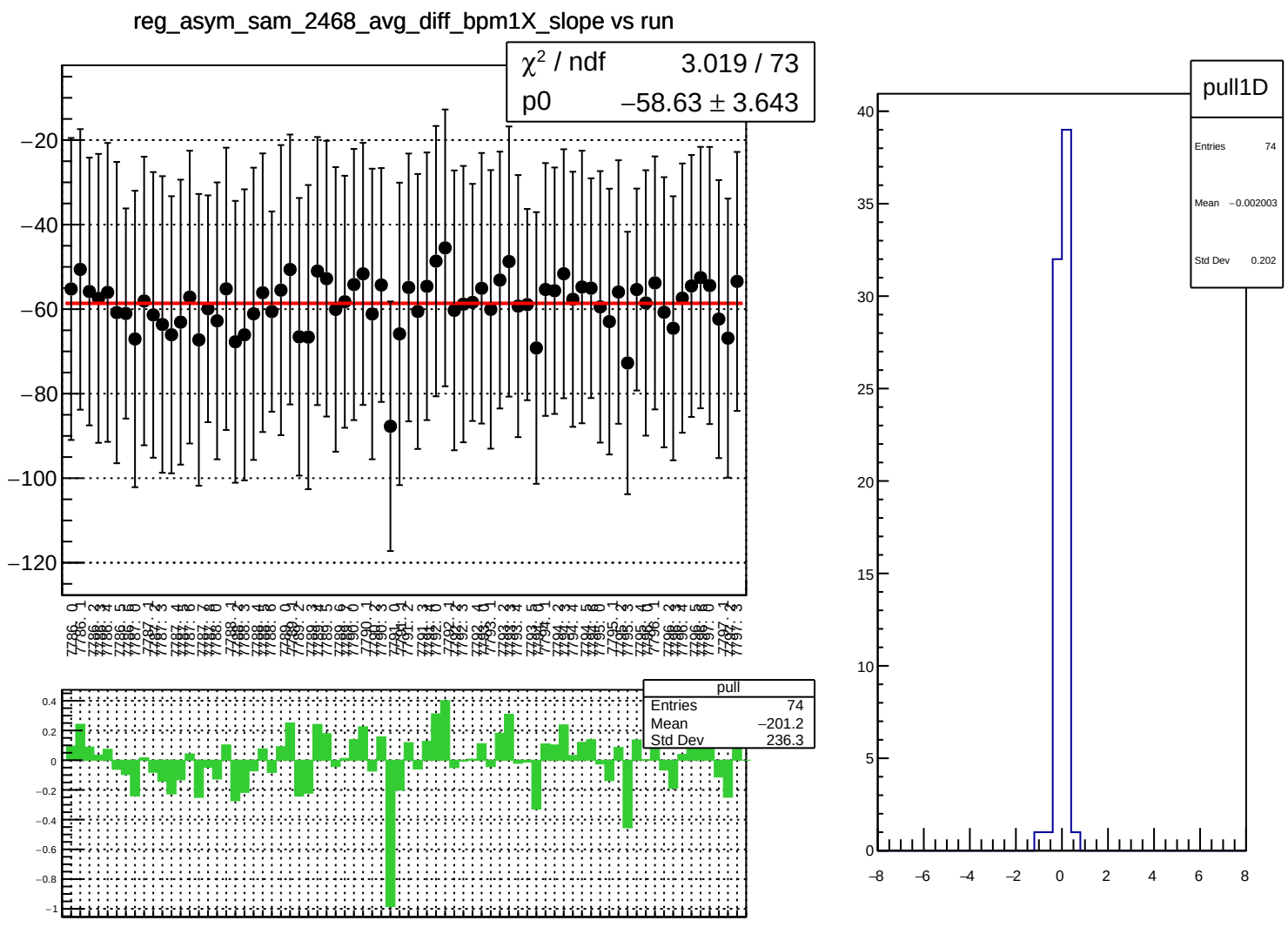

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs run
χ² / ndf 8.062 / 73
p0 19.54 ± 1.768
pull
Entries 74
Mean 884.3
Std Dev 842.7
pull1D
Entries 74
Mean 0.002961
Std Dev 0.3301

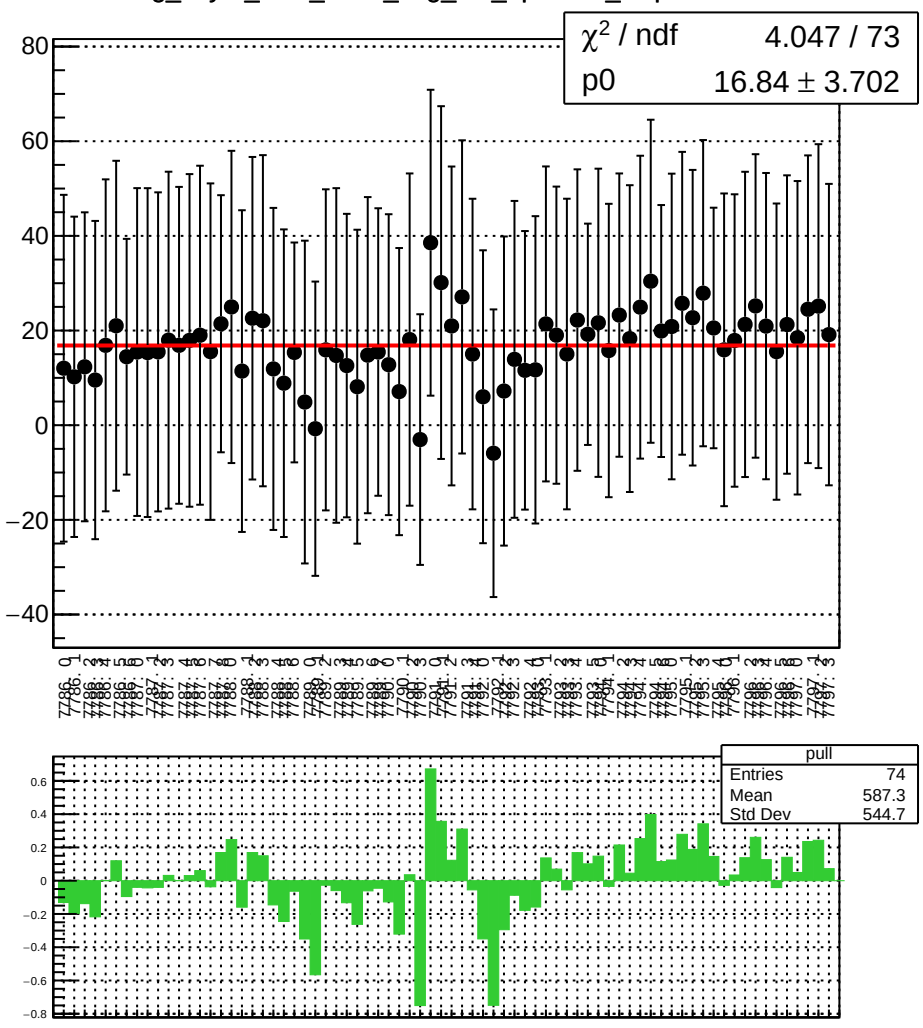

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs run
χ² / ndf 5.296 / 73
p0 −14.31± 1.512
pull
Entries 74
Mean −275.1
Std Dev 311
pull1D
Entries 74
Mean 0.003478
Std Dev 0.2675

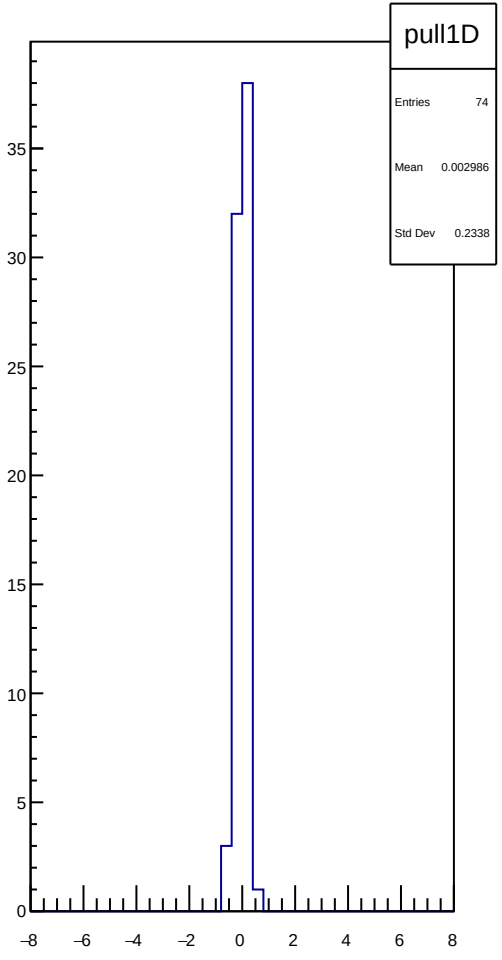

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs run
χ² / ndf 6.374 / 73
p0 8.451 ± 2.002
pull
Entries 74
Mean 1490
Std Dev 1451
pull1D
Entries 74
Mean −0.001343
Std Dev 0.2935

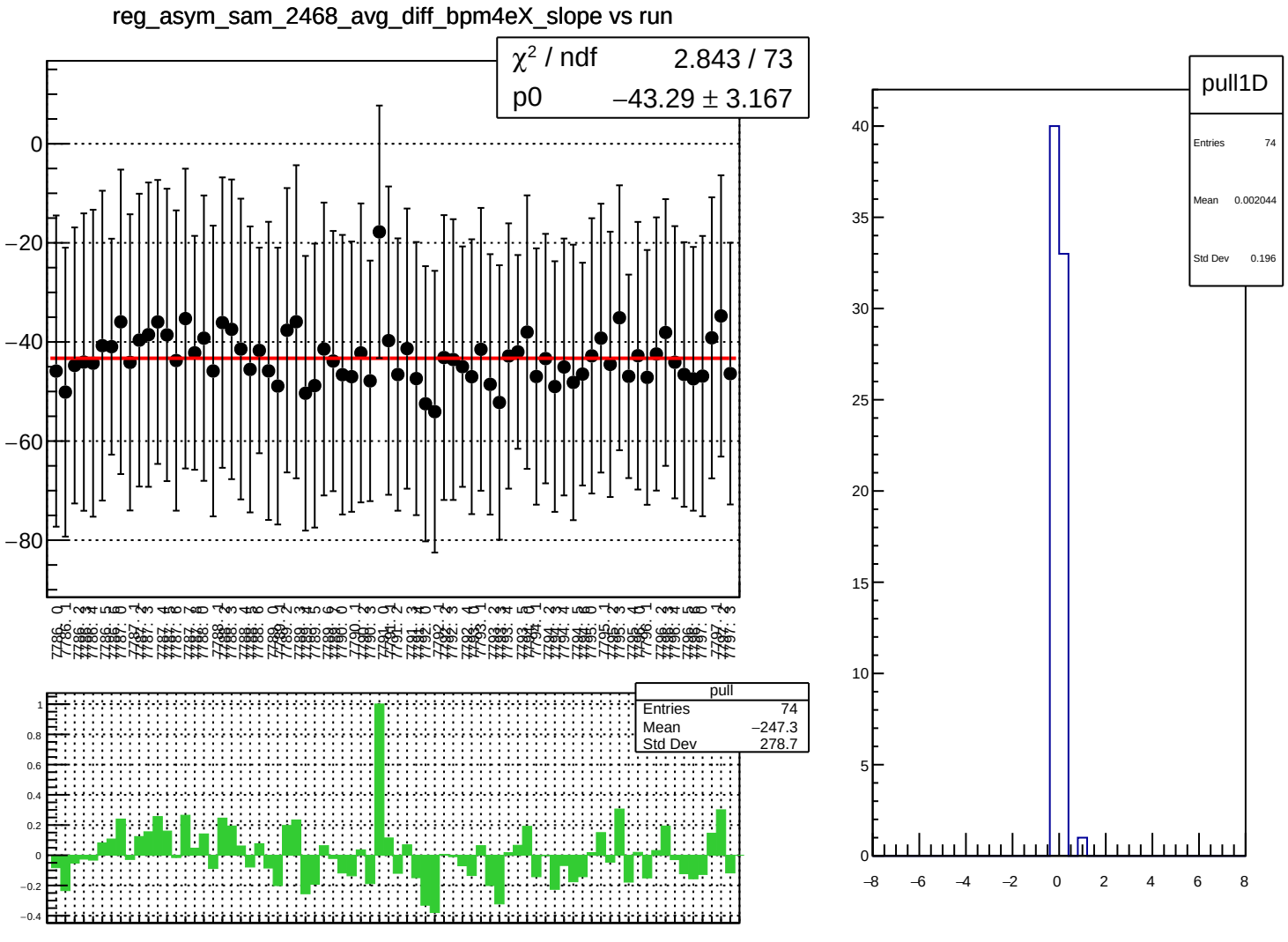

reg_asym_sam_1357_avg_diff_bpm12X_slope vs run
χ² / ndf 5.713 / 73
p0 −0.8998 ± 0.06221
pull
Entries 74
Mean 500.9
Std Dev 463.8

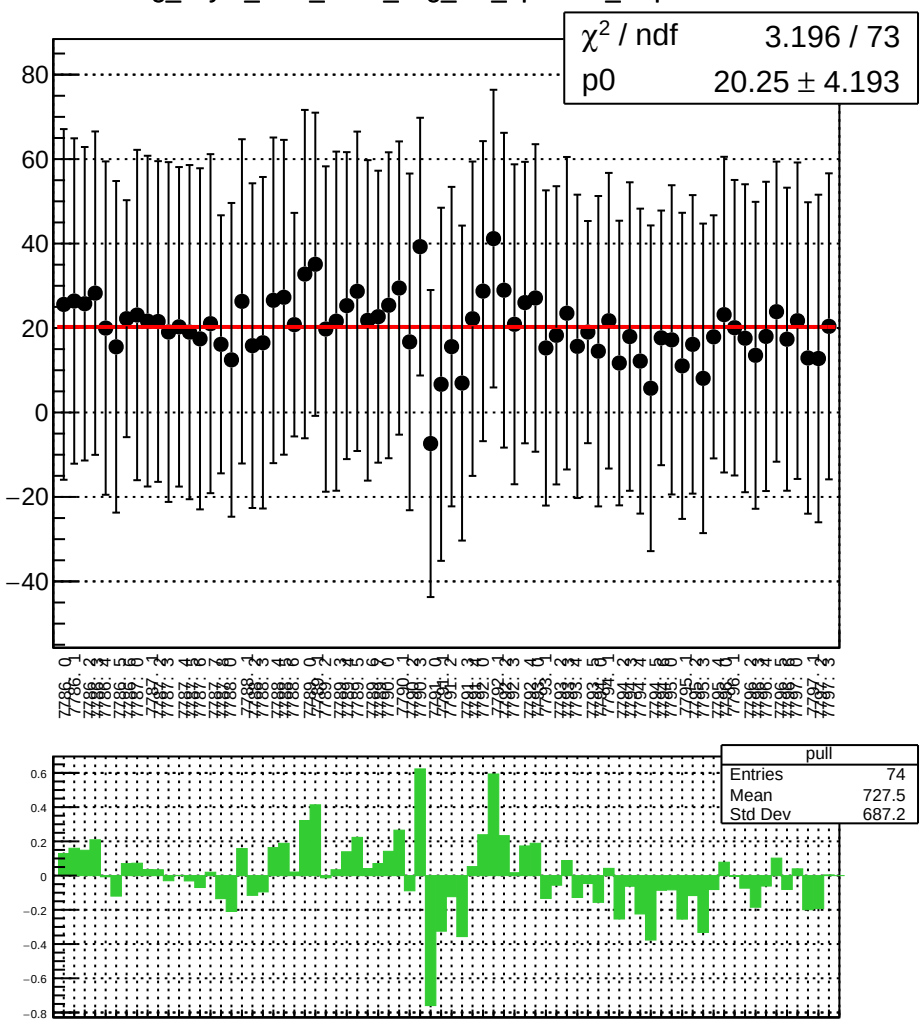

pull1D
Entries 74
Mean −0.004068
Std Dev 0.2778

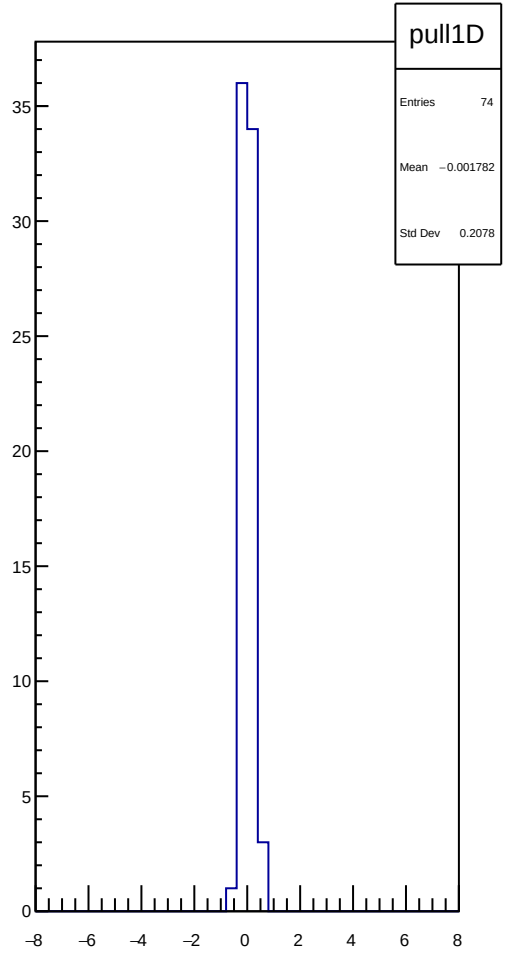

reg_asym_sam_2468_avg_diff_bpm1X_slope vs run
χ² / ndf 3.019 / 73
p0 −58.63 ± 3.643
pull
Entries 74
Mean −201.2
Std Dev 236.3
pull1D
Entries 74
Mean −0.002003
Std Dev 0.202

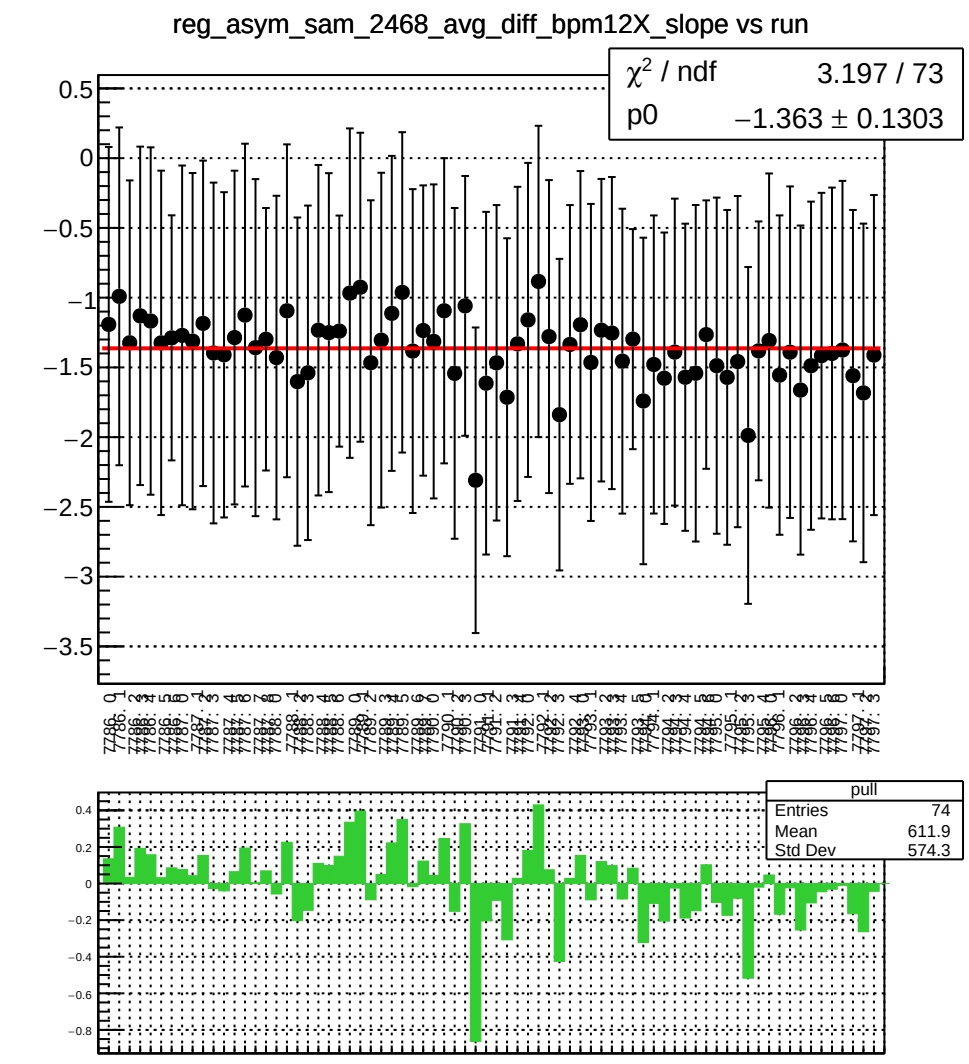

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs run
χ² / ndf 4.047 / 73
p0 16.84 ± 3.702
pull
Entries 74
Mean 587.3
Std Dev 544.7

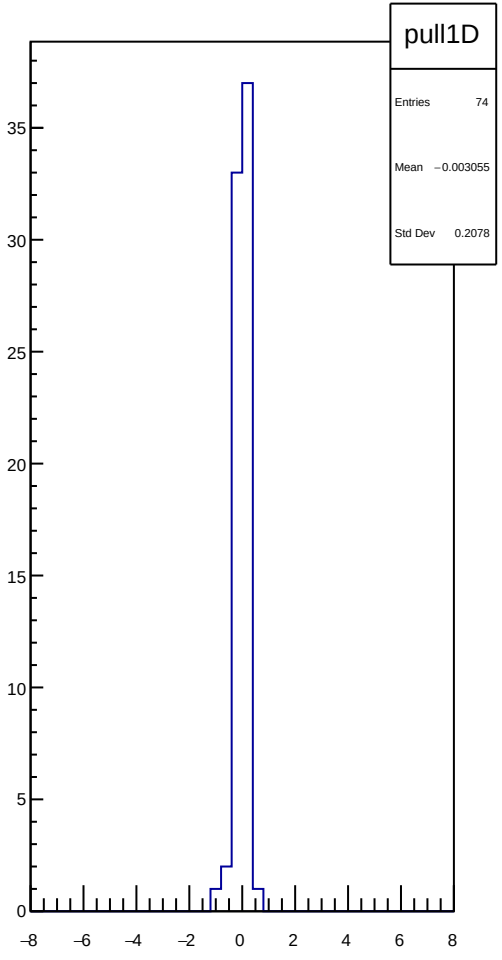

pull1D
Entries 74
Mean 0.002986
Std Dev 0.2338

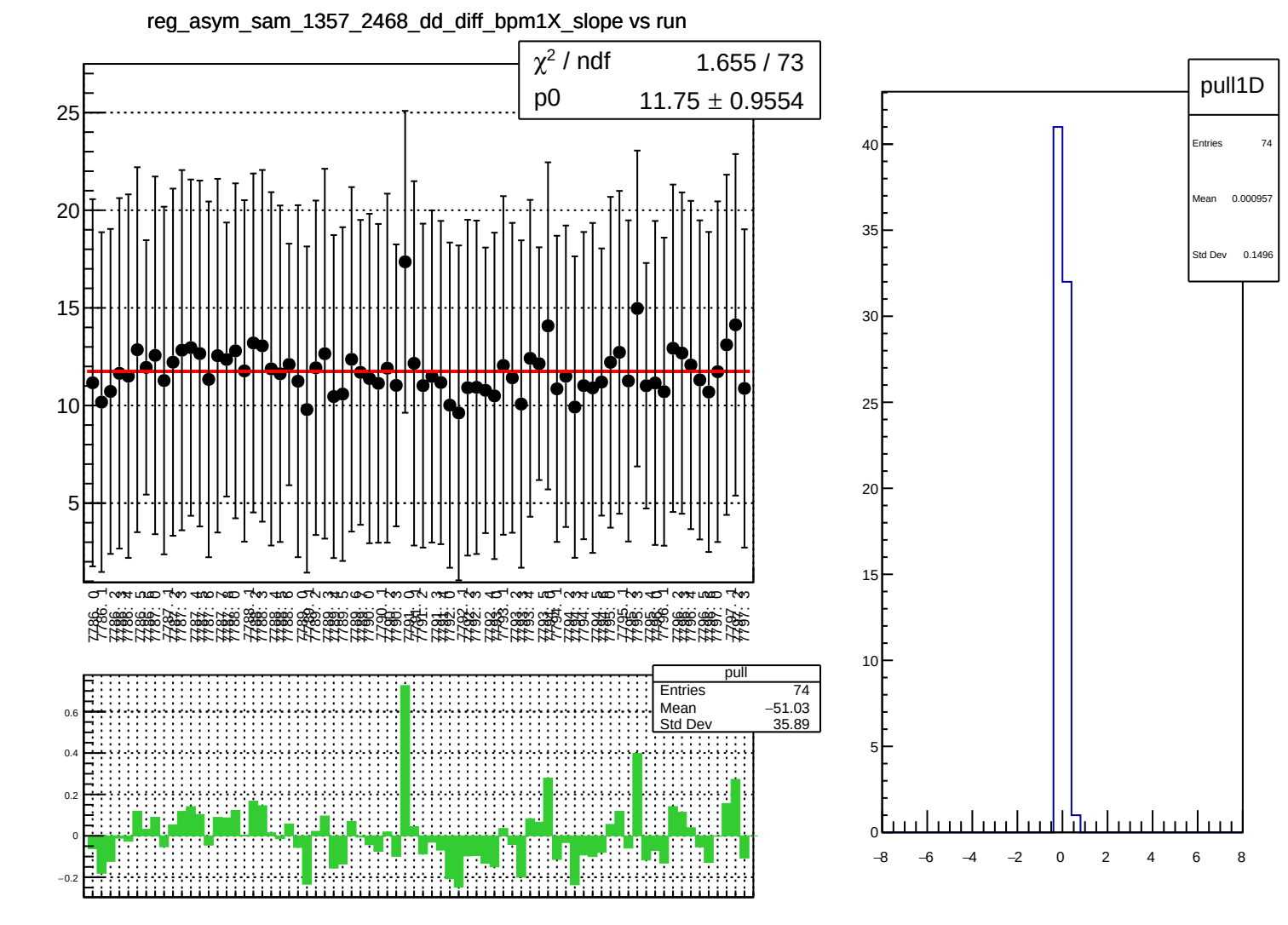

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs run
χ² / ndf 2.843 / 73
p0 −43.29 ± 3.167
pull
Entries 74
Mean −247.3
Std Dev 278.7
pull1D
Entries 74
Mean 0.002044
Std Dev 0.196

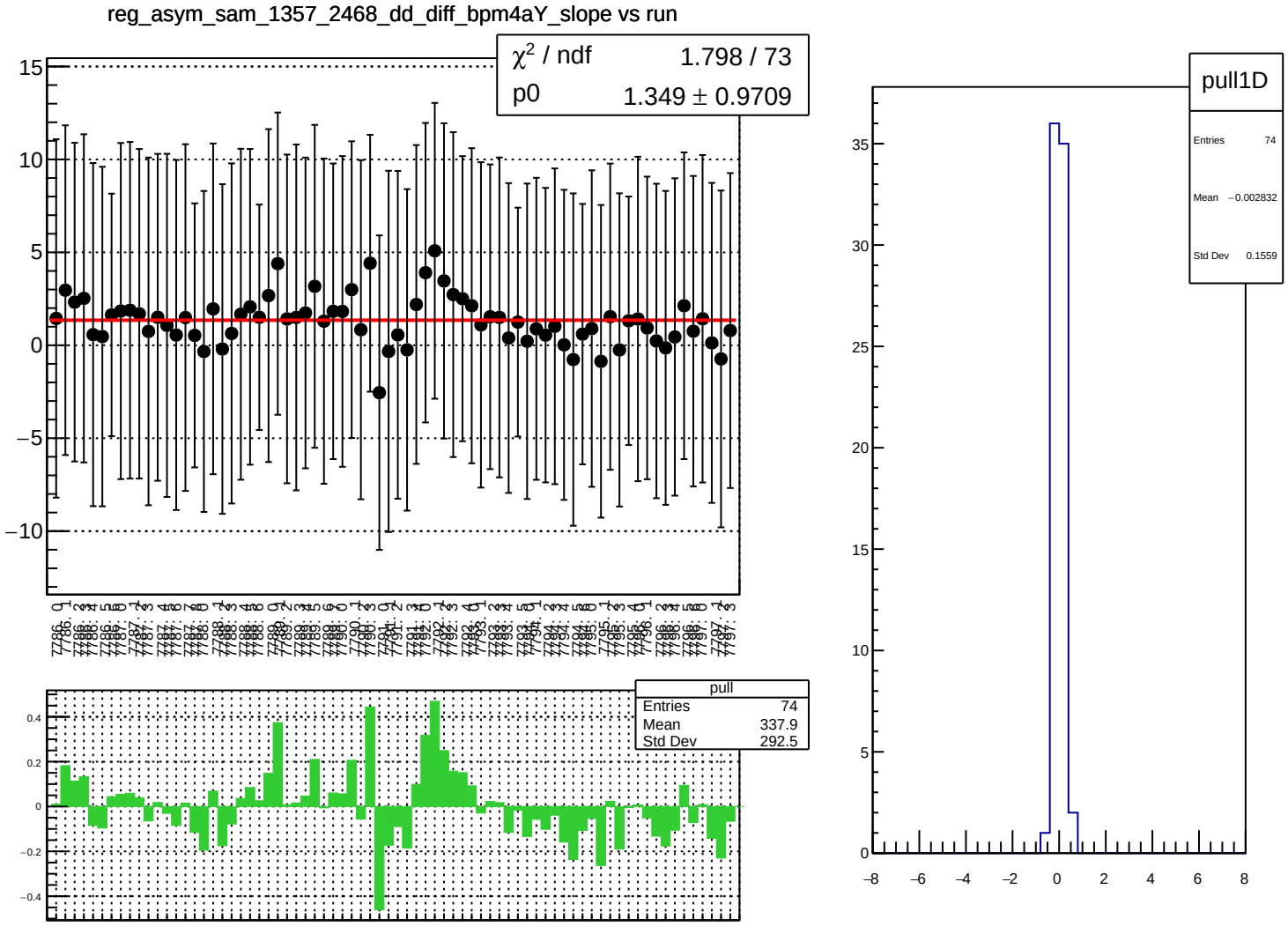

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs run
χ² / ndf 3.196 / 73
p0 20.25 ± 4.193
pull
Entries 74
Mean 727.5
Std Dev 687.2

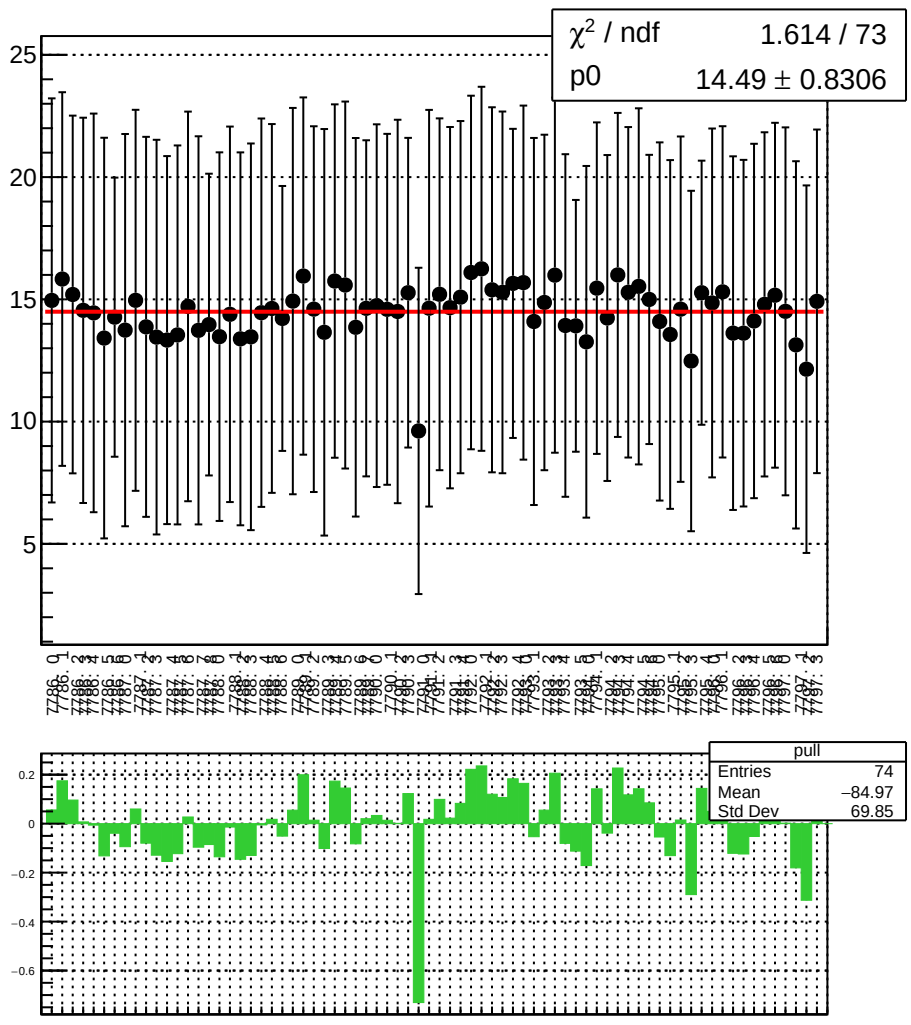

pull1D
Entries 74
Mean −0.001782
Std Dev 0.2078

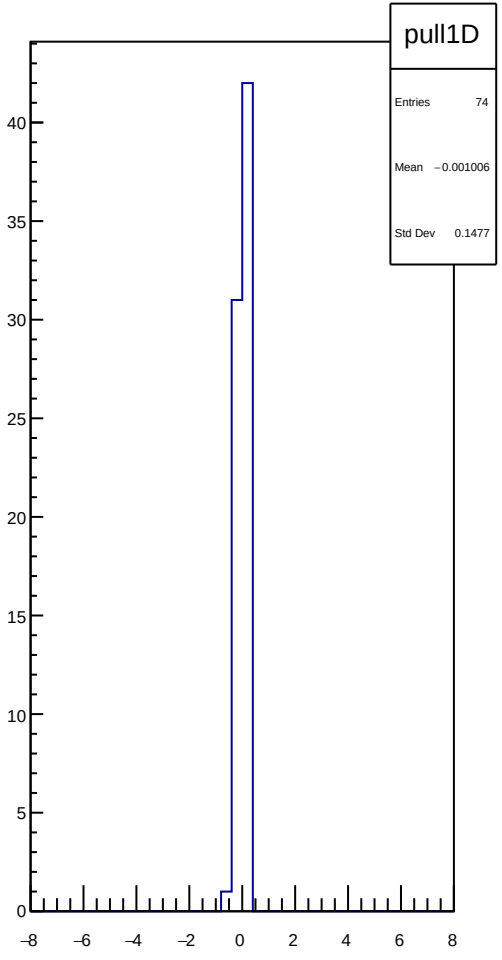

reg_asym_sam_2468_avg_diff_bpm12X_slope vs run
χ² / ndf 3.197 / 73
p0 −1.363 ± 0.1303
pull
Entries 74
Mean 611.9
Std Dev 574.3

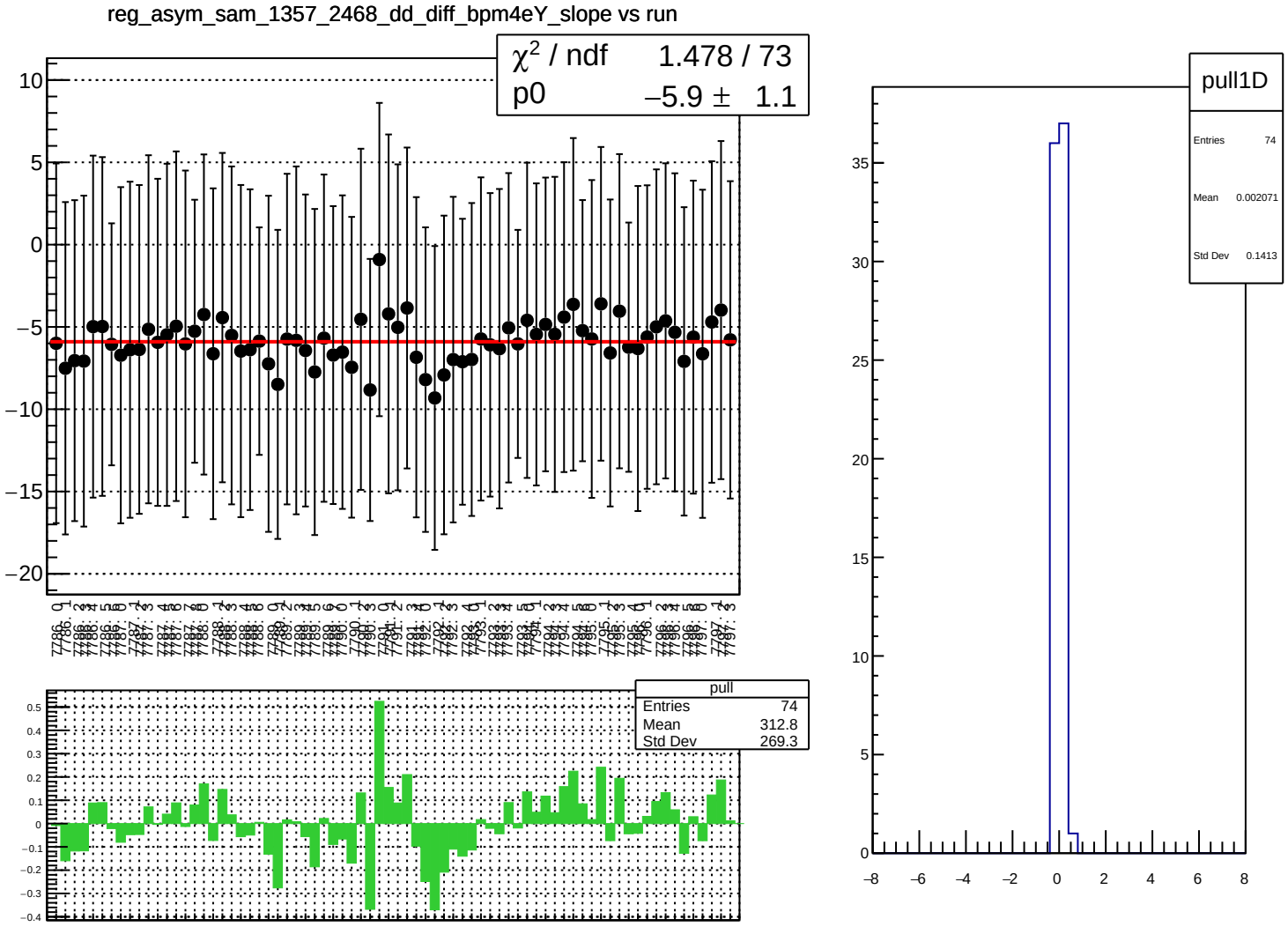

pull1D
Entries 74
Mean −0.003055
Std Dev 0.2078

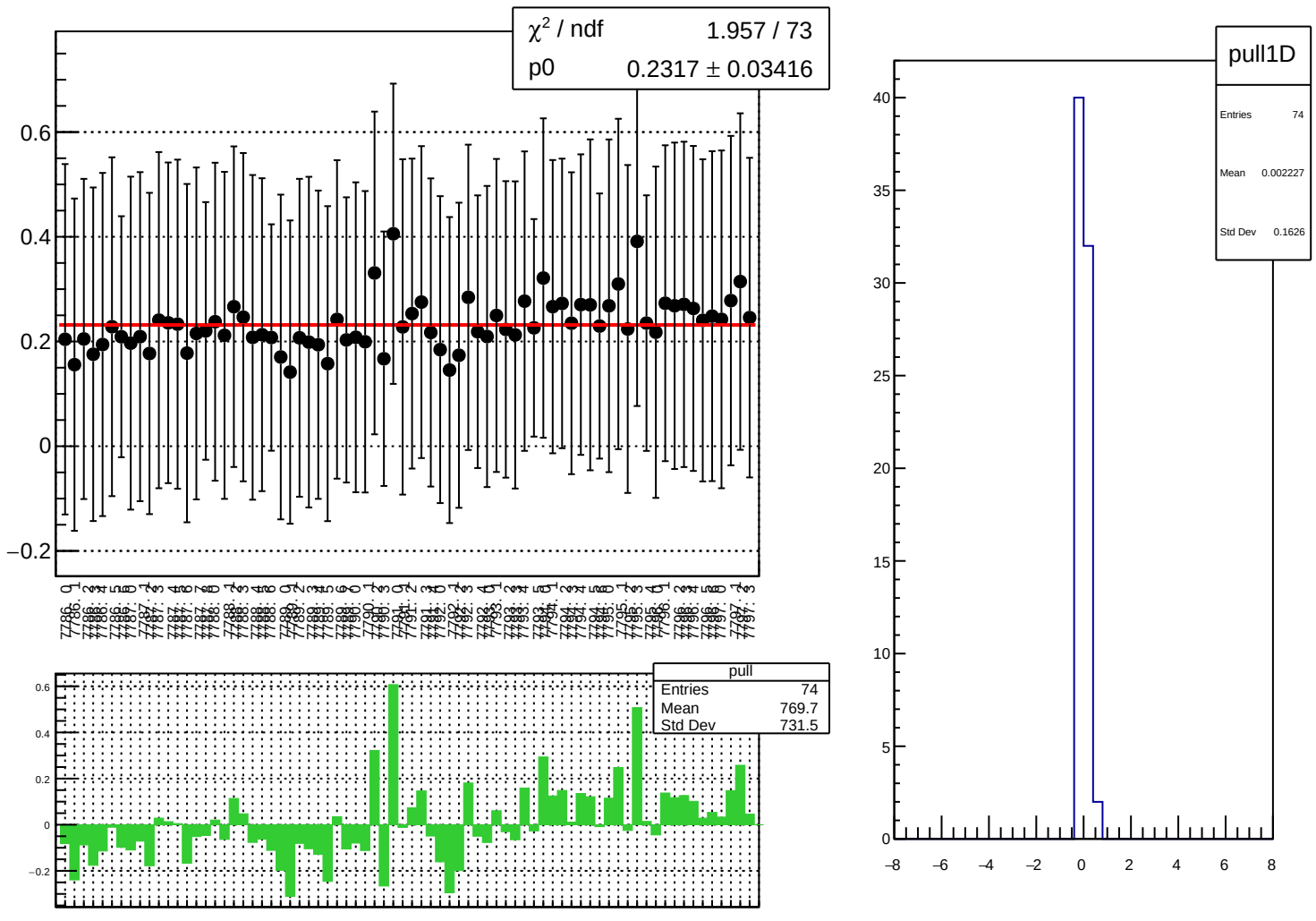

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs run
χ² / ndf 1.655 / 73
p0 11.75 ± 0.9554
pull
Entries 74
Mean −51.03
Std Dev 35.89
pull1D
Entries 74
Mean 0.000957
Std Dev 0.1496

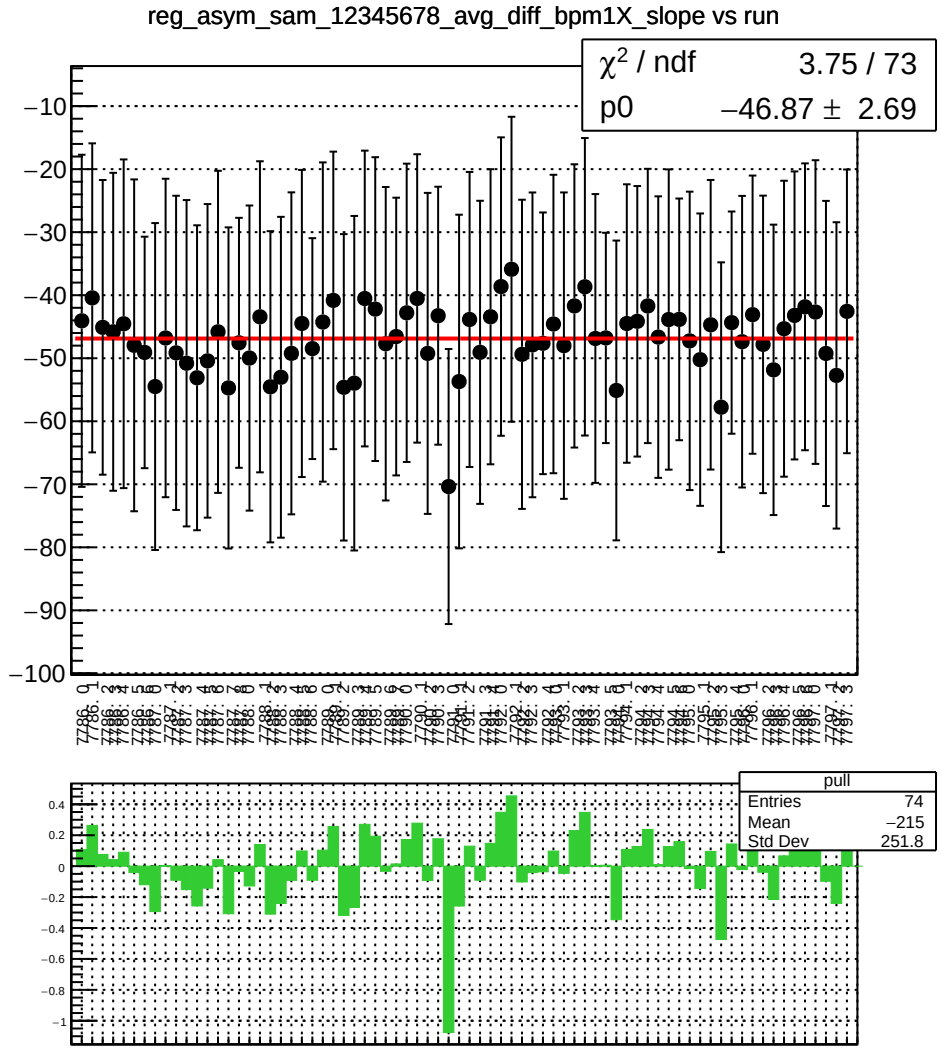

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs run
χ² / ndf 1.798 / 73
p0 1.349 ± 0.9709
pull
Entries 74
Mean 337.9
Std Dev 292.5
pull1D
Entries 74
Mean −0.002832
Std Dev 0.1559

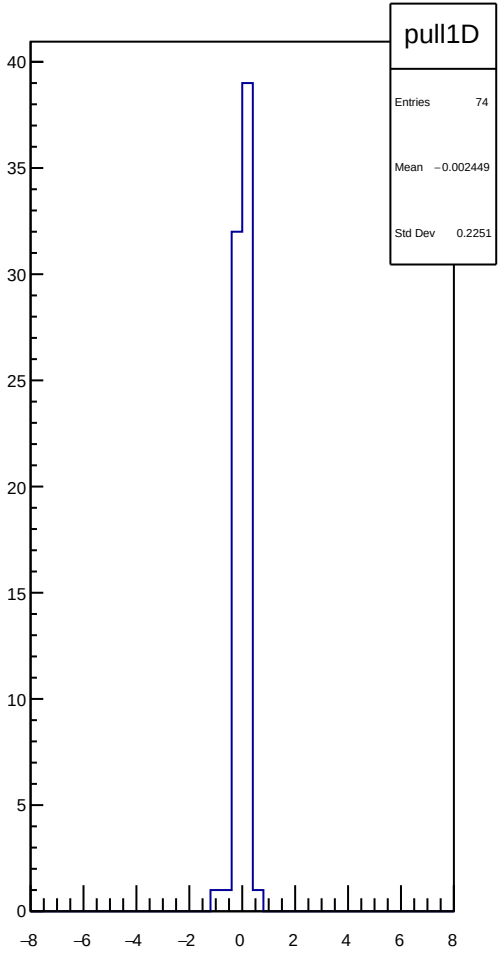

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs run
χ² / ndf 1.614 / 73
p0 14.49 ± 0.8306
pull
Entries 74
Mean −84.97
Std Dev 69.85

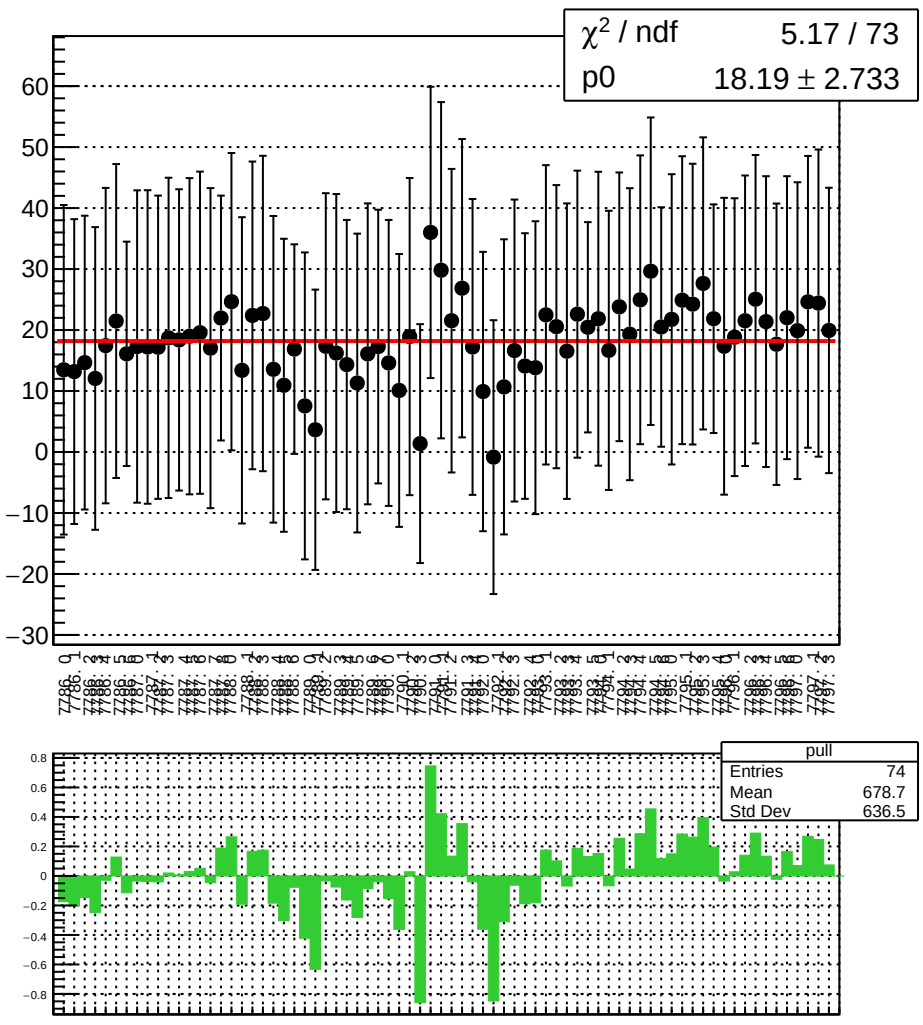

pull1D
Entries 74
Mean −0.001006
Std Dev 0.1477

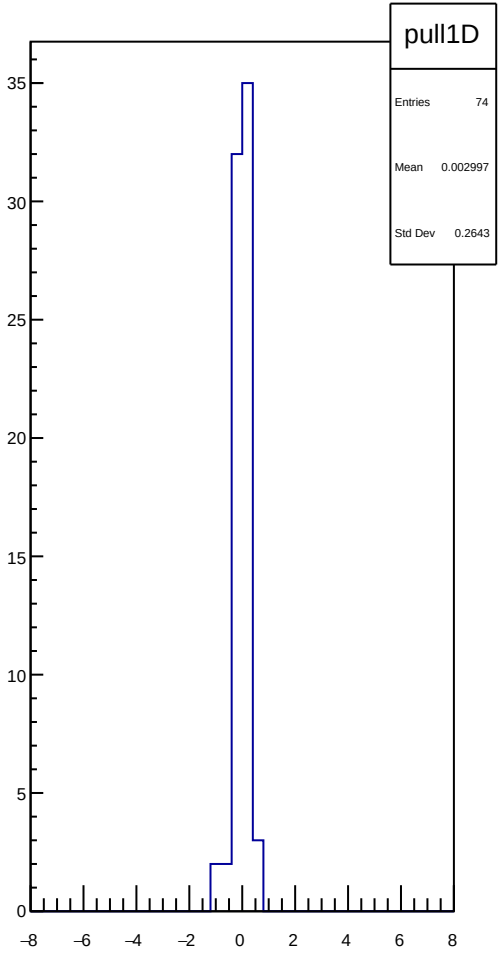

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs run
χ² / ndf 1.478 / 73
p0 −5.9 ± 1.1
pull
Entries 74
Mean 312.8
Std Dev 269.3
pull1D
Entries 74
Mean 0.002071
Std Dev 0.1413

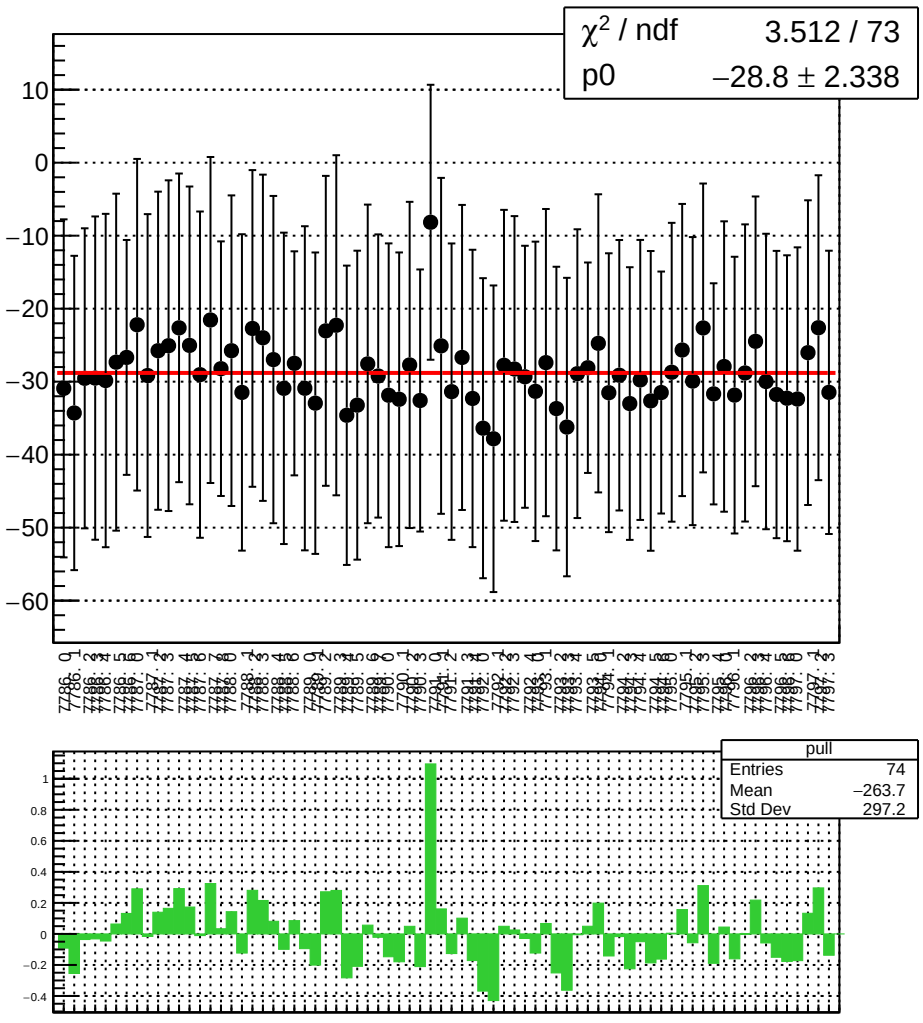

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs run
χ² / ndf 1.957 / 73
p0 0.2317 ± 0.03416
pull
Entries 74
Mean 769.7
Std Dev 731.5
pull1D
Entries 74
Mean 0.002227
Std Dev 0.1626

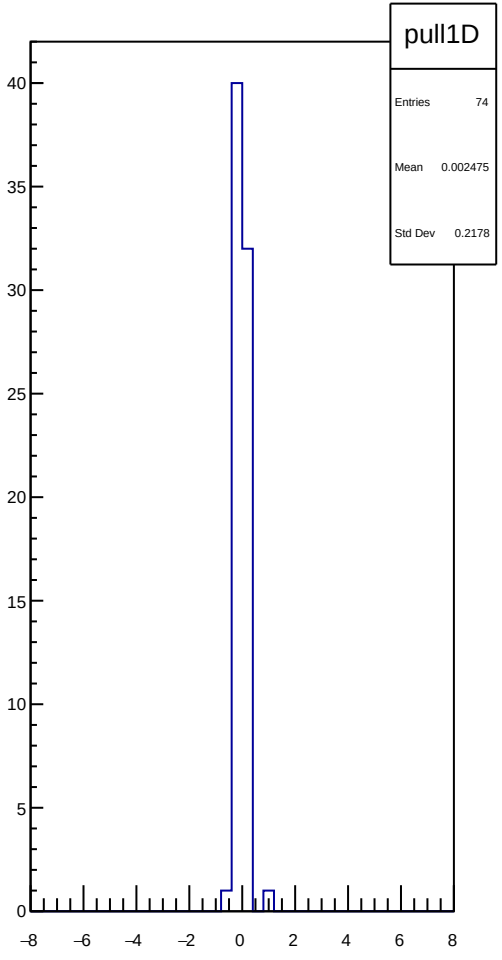

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs run
χ² / ndf 3.75 / 73
p0 −46.87 ± 2.69
pull
Entries 74
Mean −215
Std Dev 251.8

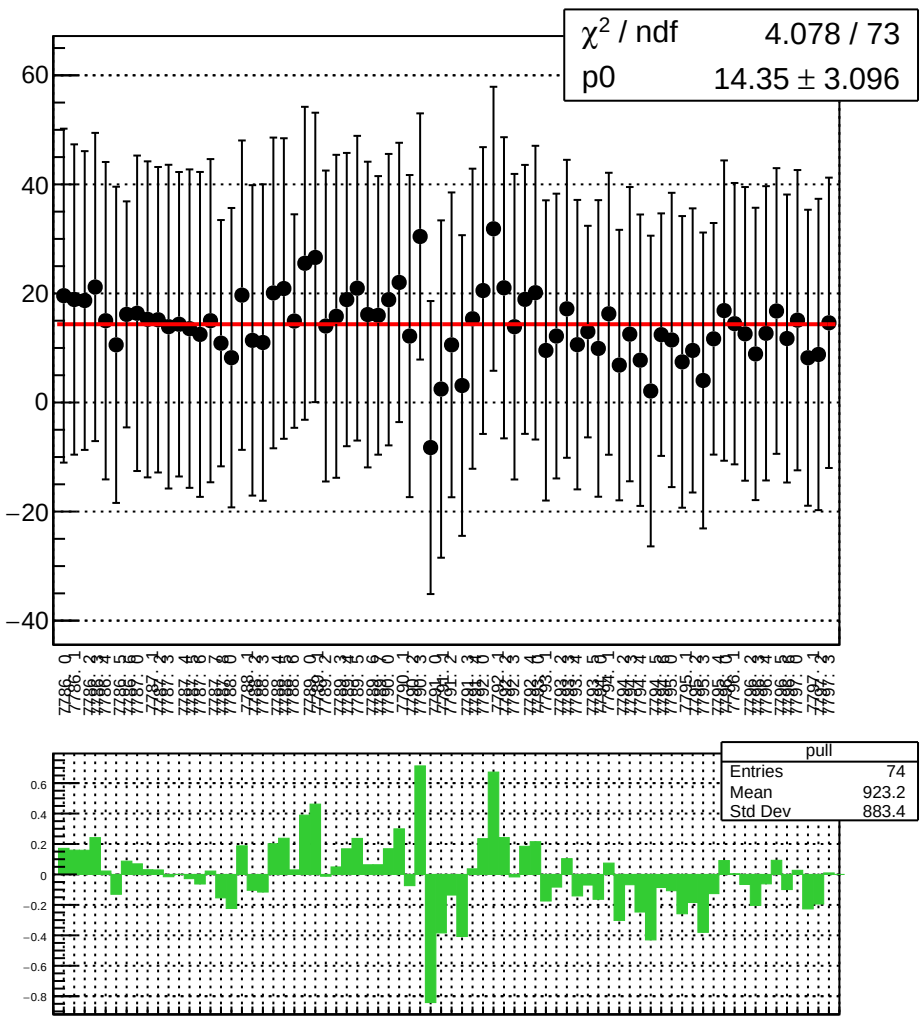

pull1D
Entries 74
Mean −0.002449
Std Dev 0.2251

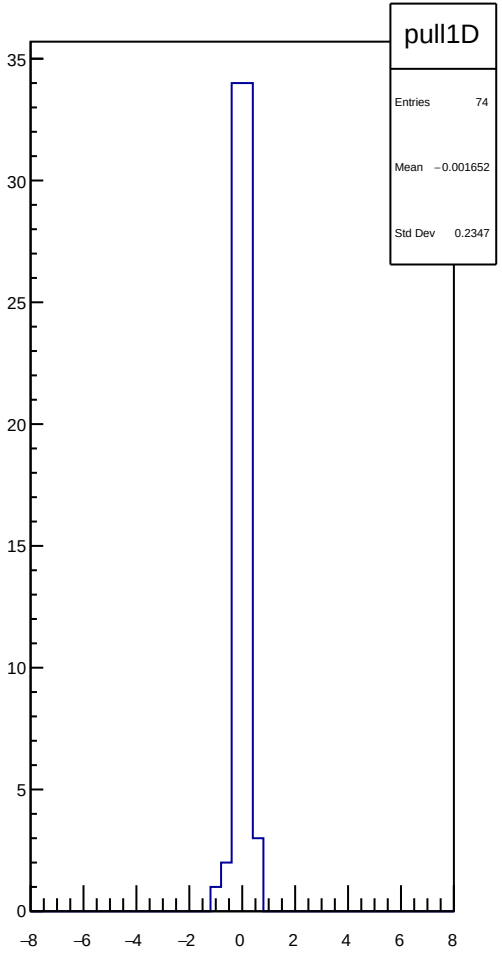

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs run
χ² / ndf 5.17 / 73
p0 18.19 ± 2.733
pull
Entries 74
Mean 678.7
Std Dev 636.5

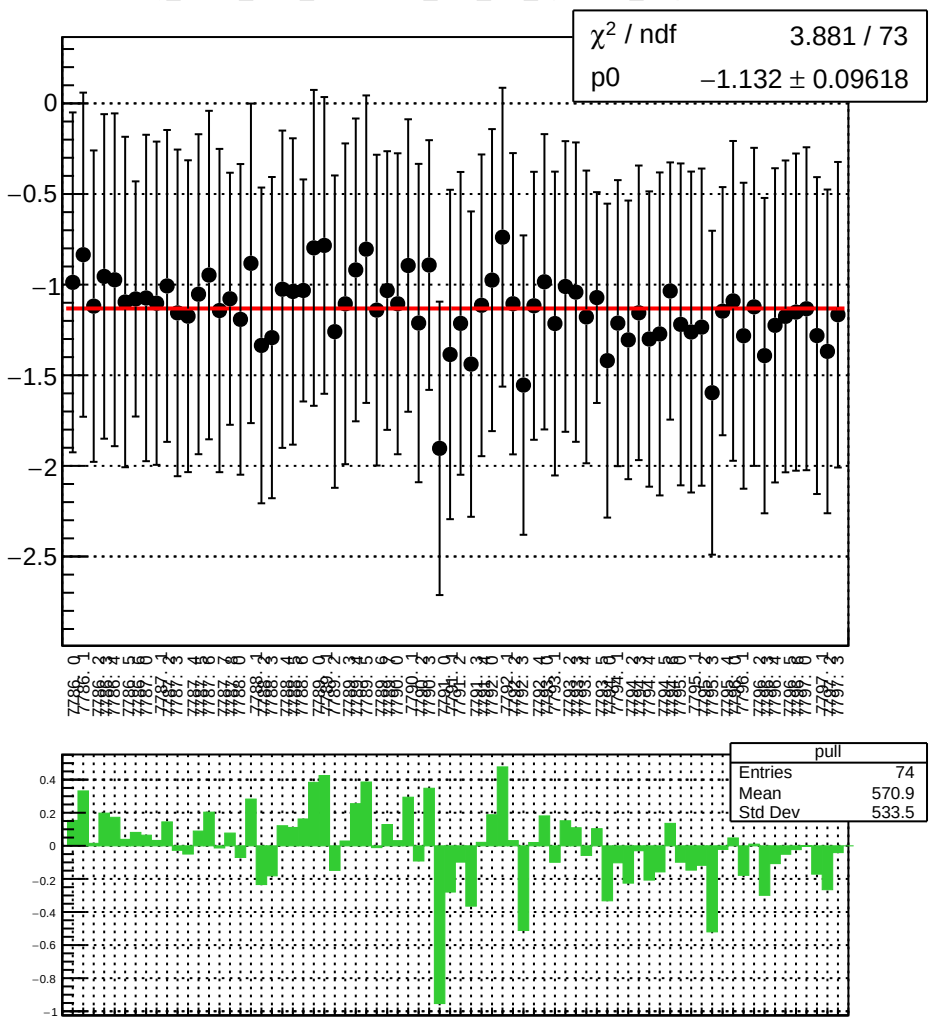

pull1D
Entries 74
Mean 0.002997
Std Dev 0.2643

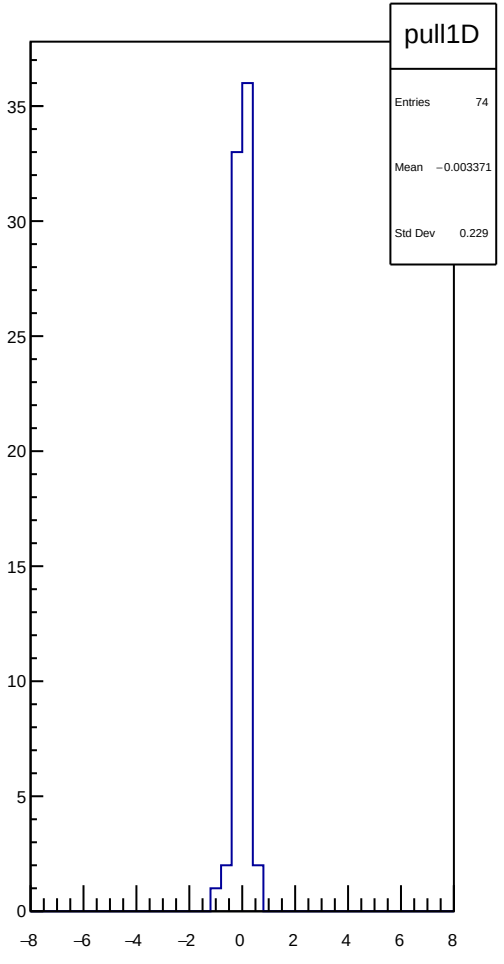

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs run
χ² / ndf 3.512 / 73
p0 −28.8 ± 2.338
pull
Entries 74
Mean −263.7
Std Dev 297.2

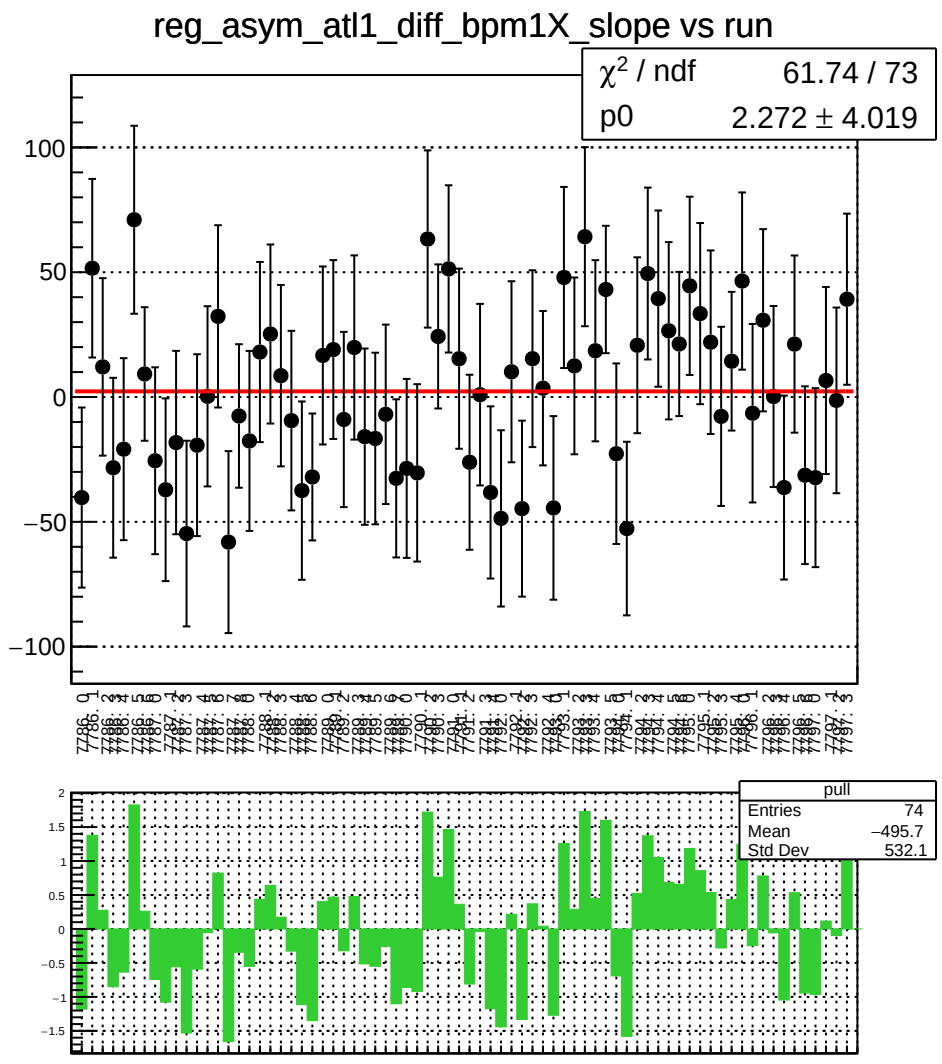

pull1D
Entries 74
Mean 0.002475
Std Dev 0.2178

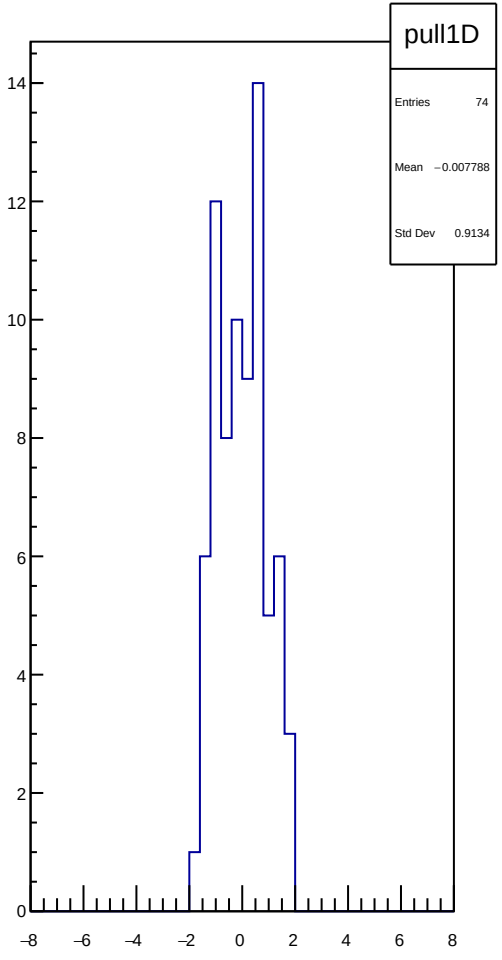

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs run
χ² / ndf 4.078 / 73
p0 14.35 ± 3.096
pull
Entries 74
Mean 923.2
Std Dev 883.4

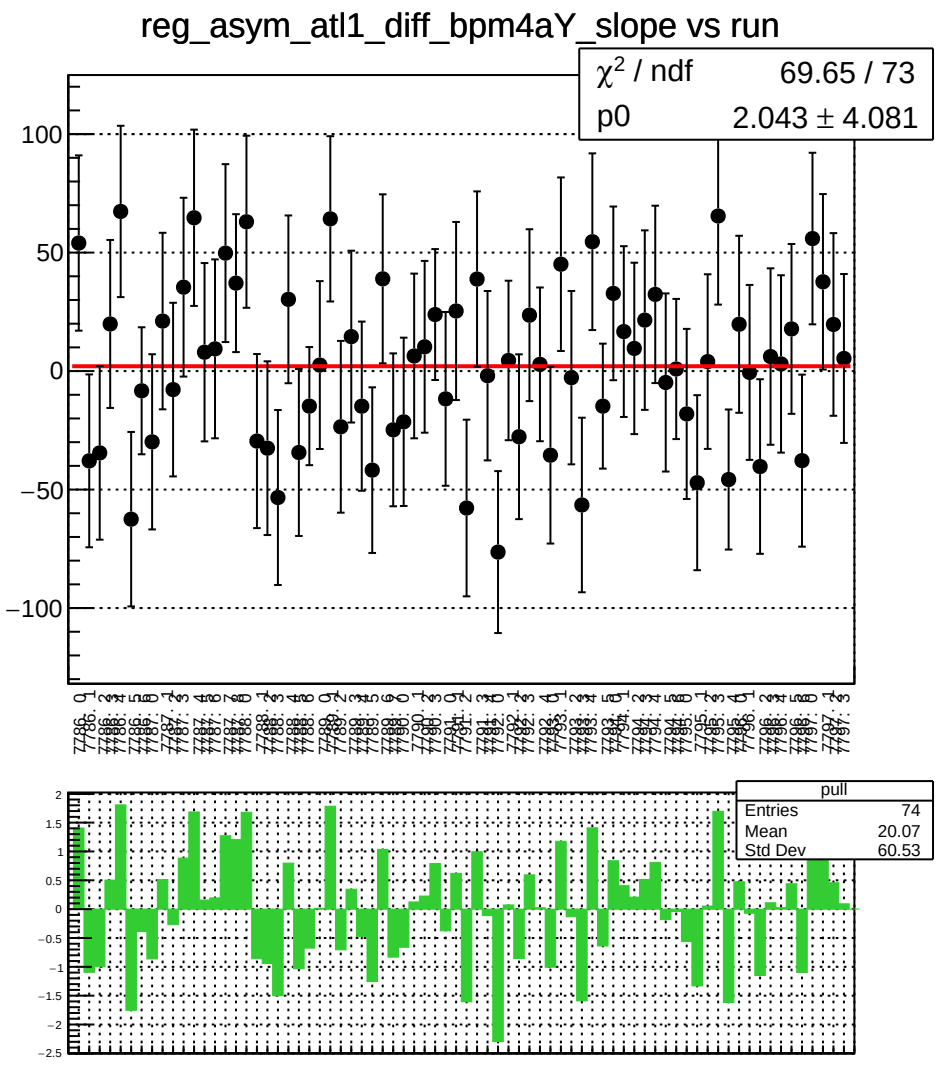

pull1D
Entries 74
Mean −0.001652
Std Dev 0.2347

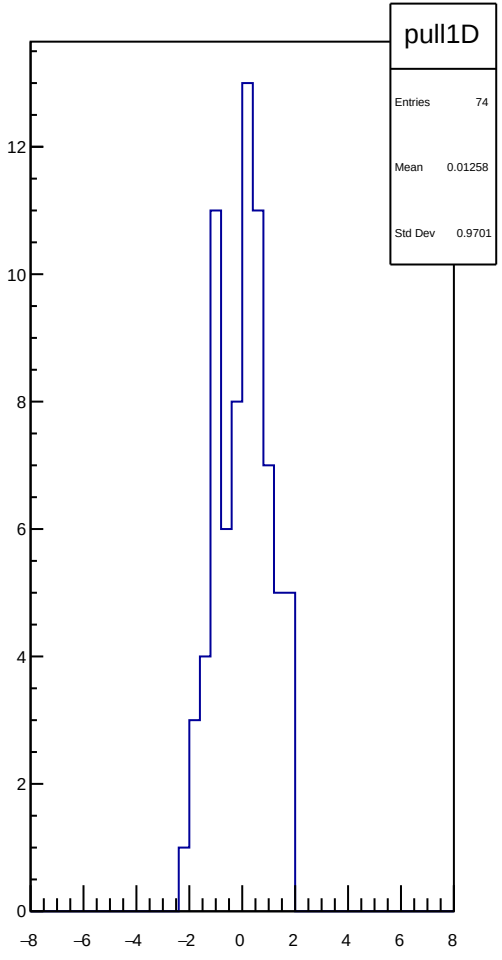

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs run
χ² / ndf 3.881 / 73
p0 −1.132 ± 0.09618
pull
Entries 74
Mean 570.9
Std Dev 533.5

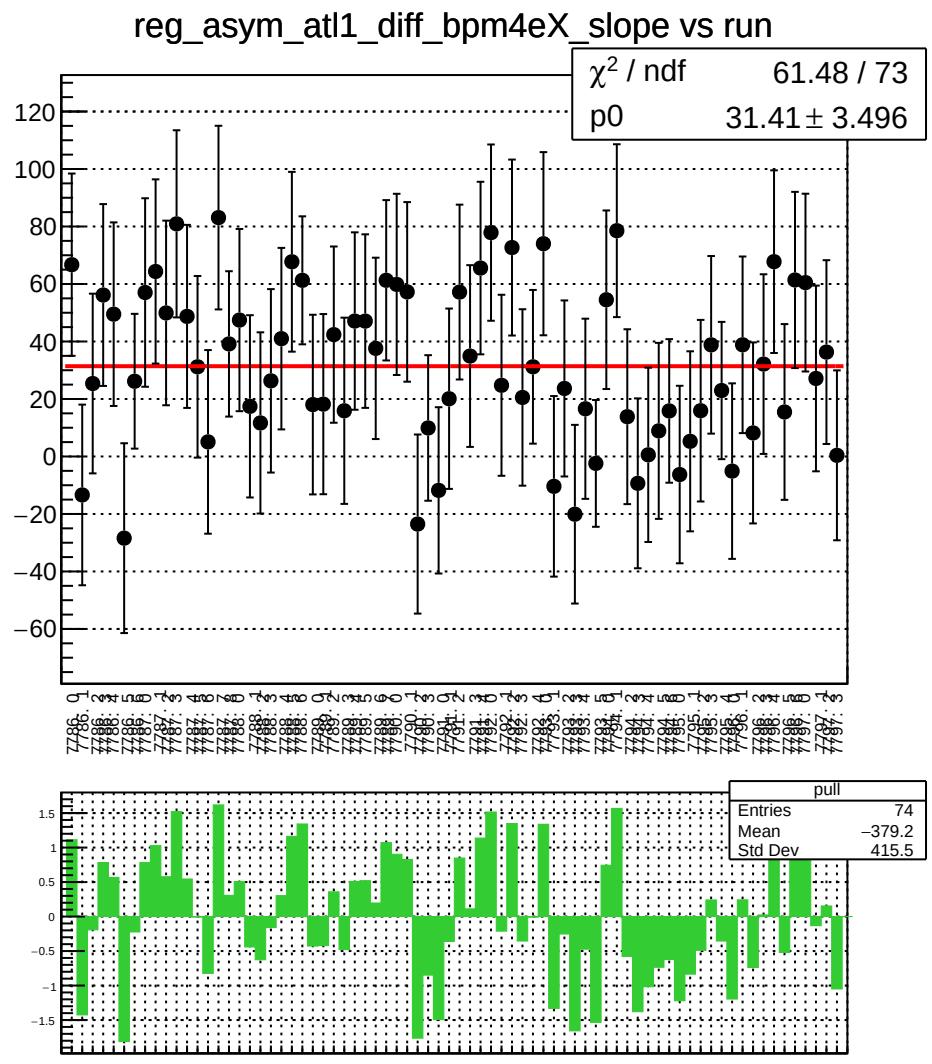

pull1D
Entries 74
Mean −0.003371
Std Dev 0.229

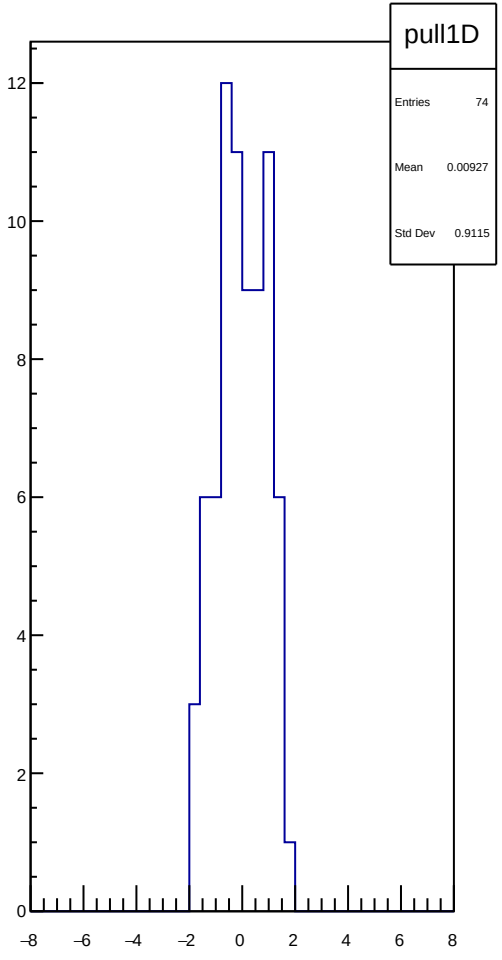

reg_asym_atl1_diff_bpm1X_slope vs run
χ² / ndf 61.74 / 73
p0 2.272 ± 4.019
pull
Entries 74
Mean −495.7
Std Dev 532.1

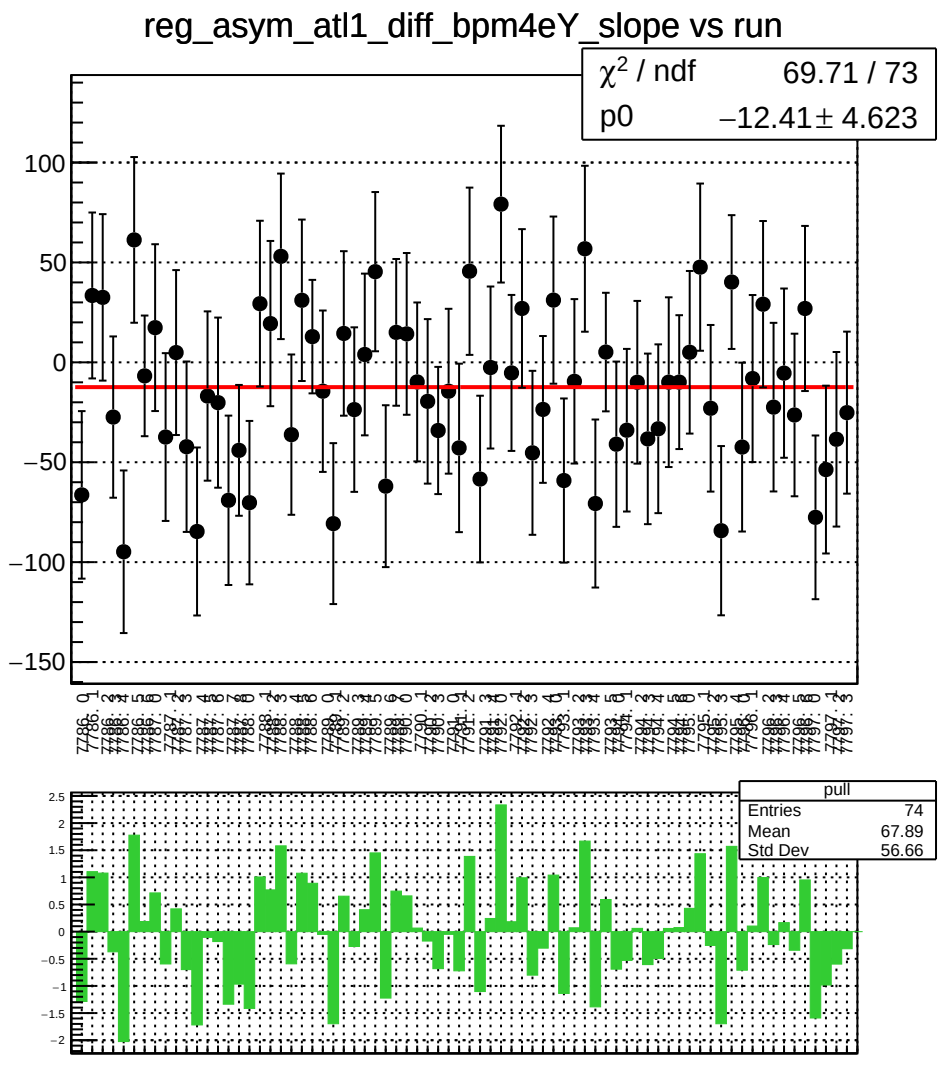

pull1D
Entries 74
Mean −0.007788
Std Dev 0.9134

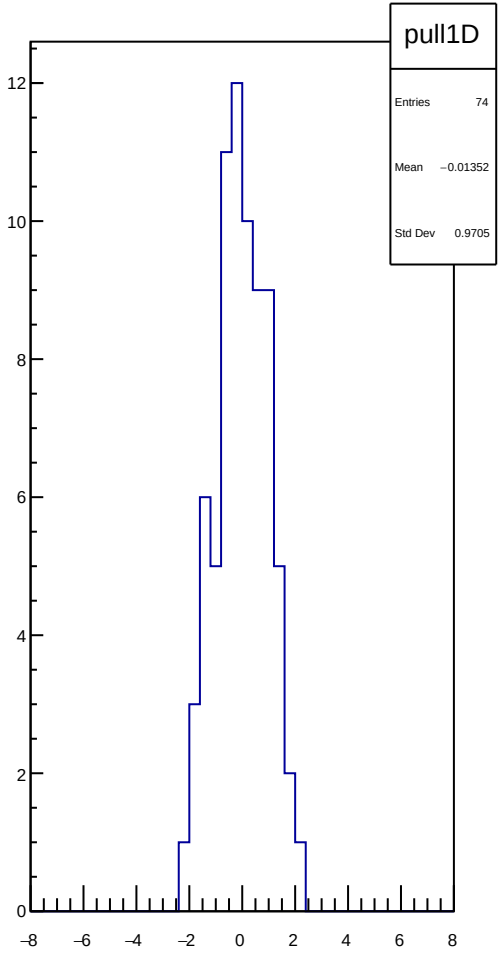

reg_asym_atl1_diff_bpm4aY_slope vs run
χ² / ndf 69.65 / 73
p0 2.043 ± 4.081
pull
Entries 74
Mean 20.07
Std Dev 60.53

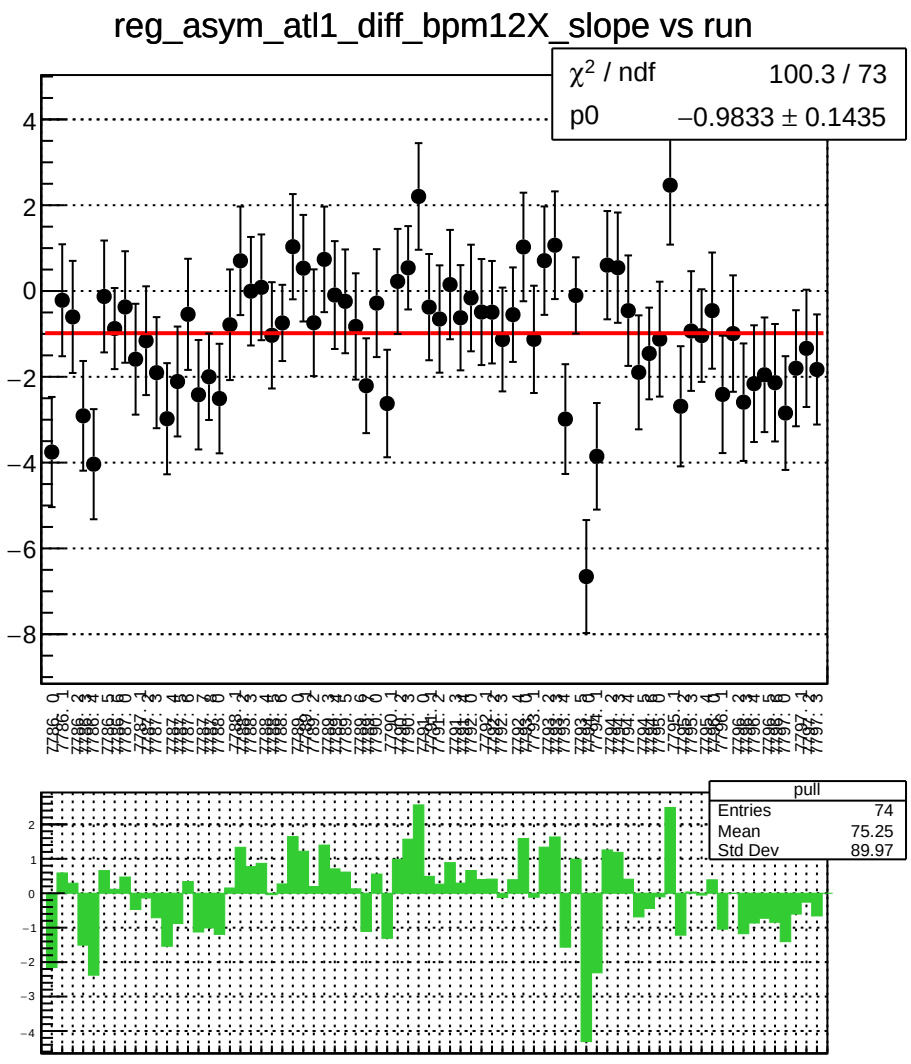

pull1D
Entries 74
Mean 0.01258
Std Dev 0.9701

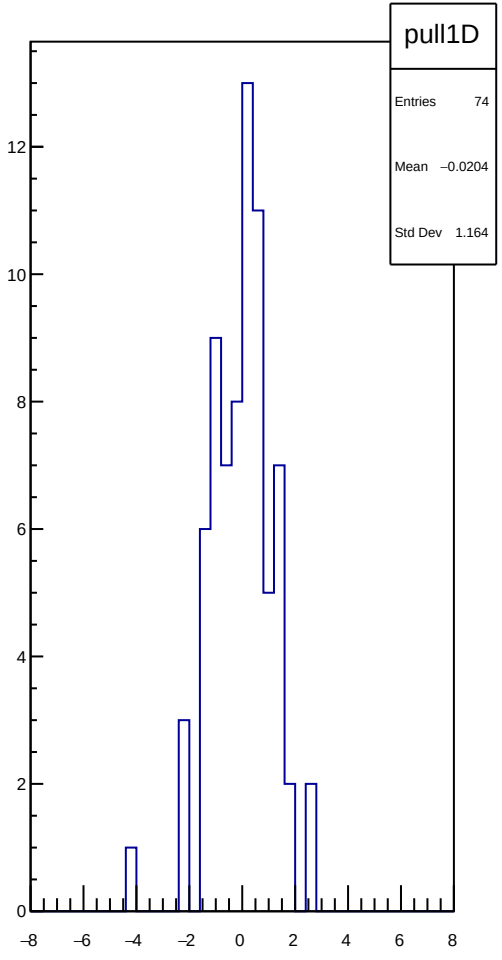

reg_asym_atl1_diff_bpm4eX_slope vs run
χ² / ndf 61.48 / 73
p0 31.41 ± 3.496
pull
Entries 74
Mean −379.2
Std Dev 415.5

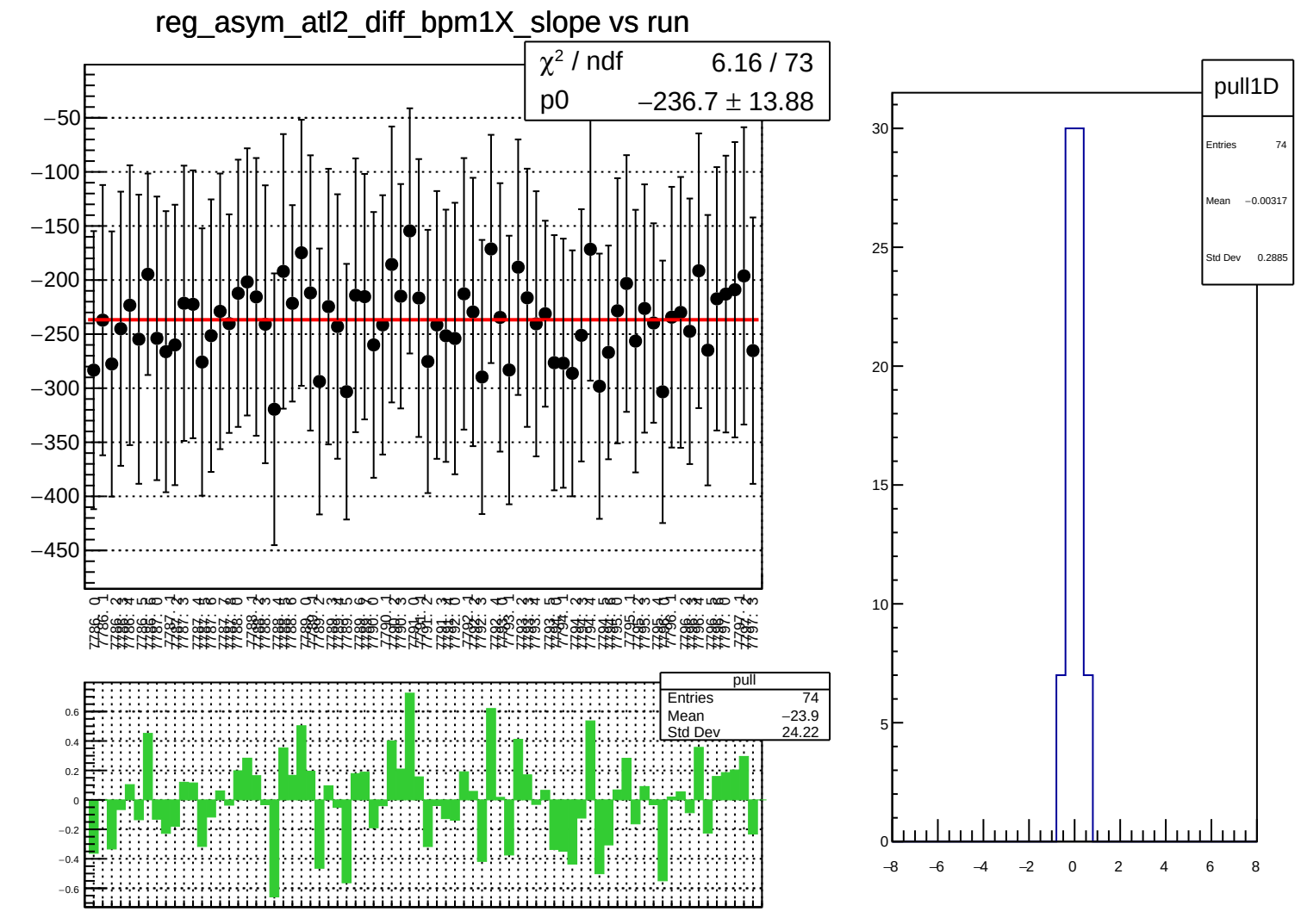

pull1D
Entries 74
Mean 0.00927
Std Dev 0.9115

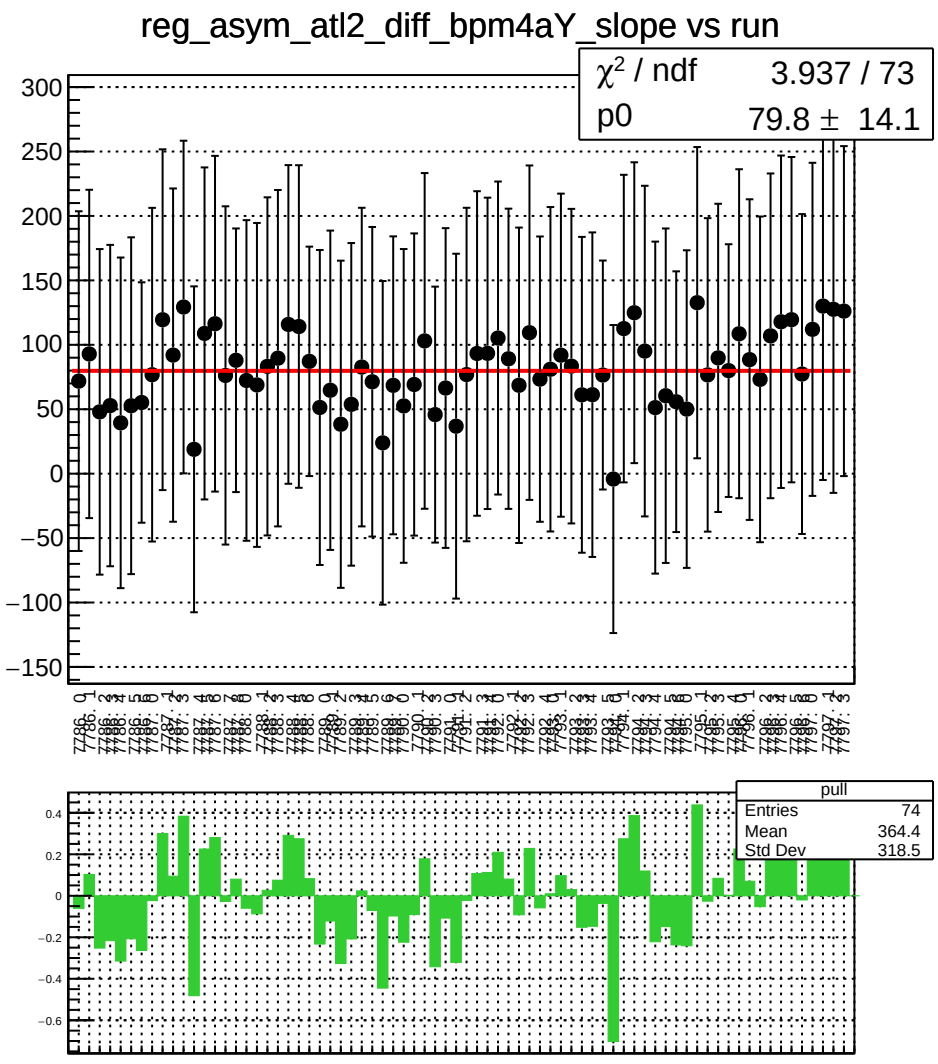

reg_asym_atl1_diff_bpm4eY_slope vs run
χ² / ndf 69.71 / 73
p0 −12.41 ± 4.623
pull
Entries 74
Mean 67.89
Std Dev 56.66

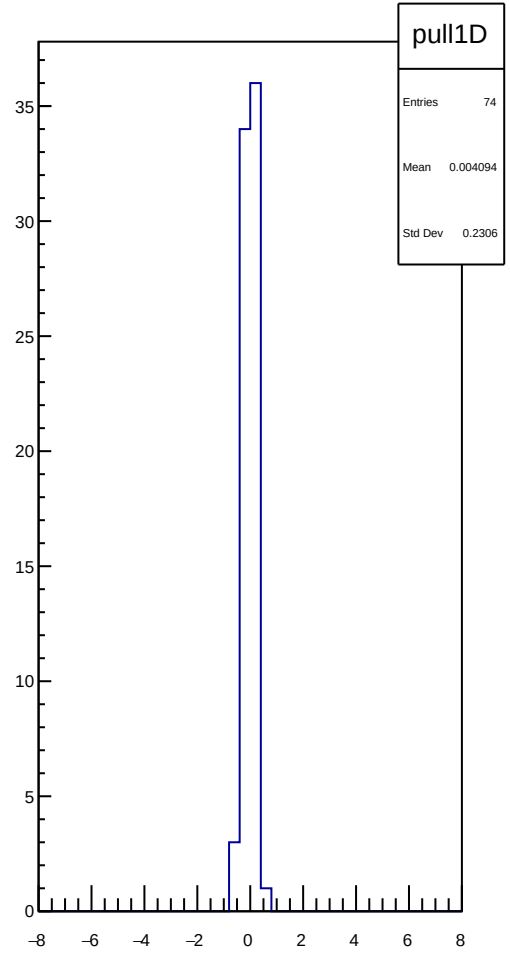

pull1D
Entries 74
Mean −0.01352
Std Dev 0.9705

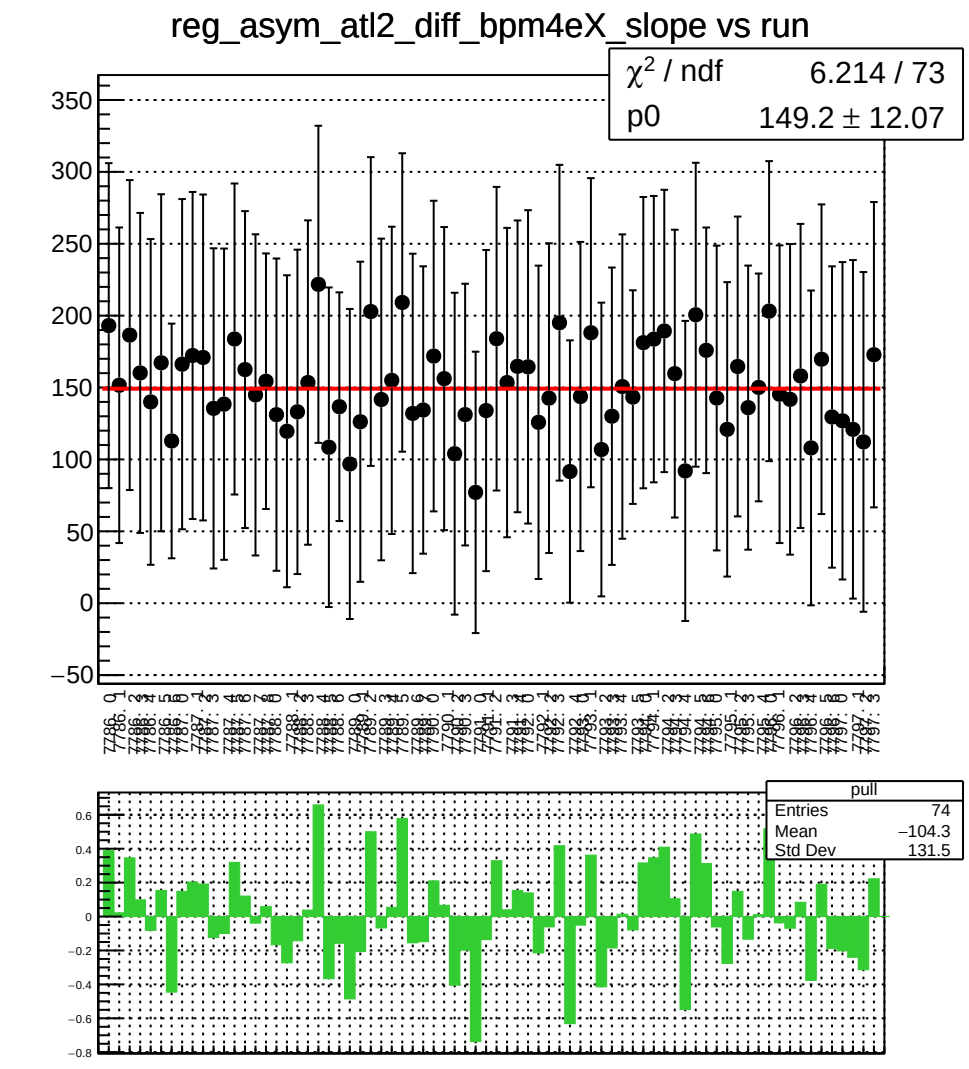

reg_asym_atl1_diff_bpm12X_slope vs run
χ² / ndf 100.3 / 73
p0 −0.9833 ± 0.1435
pull
Entries 74
Mean 75.25
Std Dev 89.97

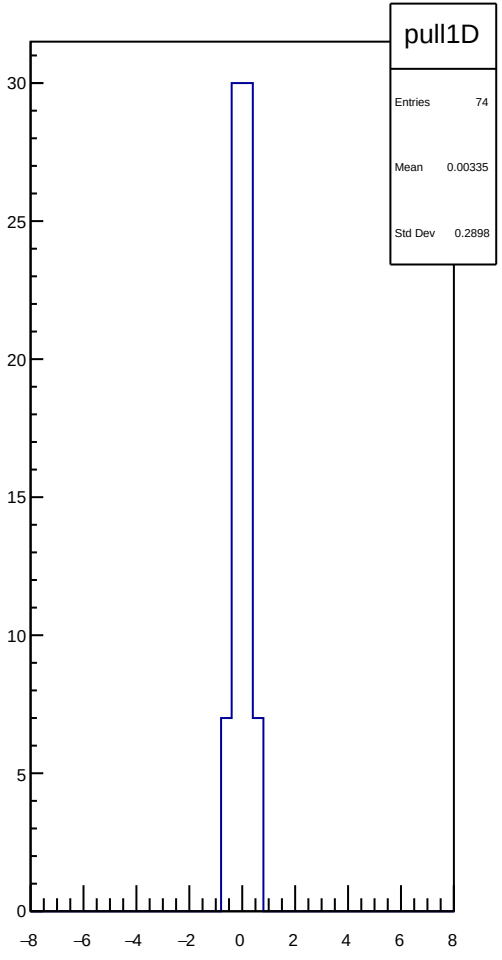

pull1D
Entries 74
Mean −0.0204
Std Dev 1.164

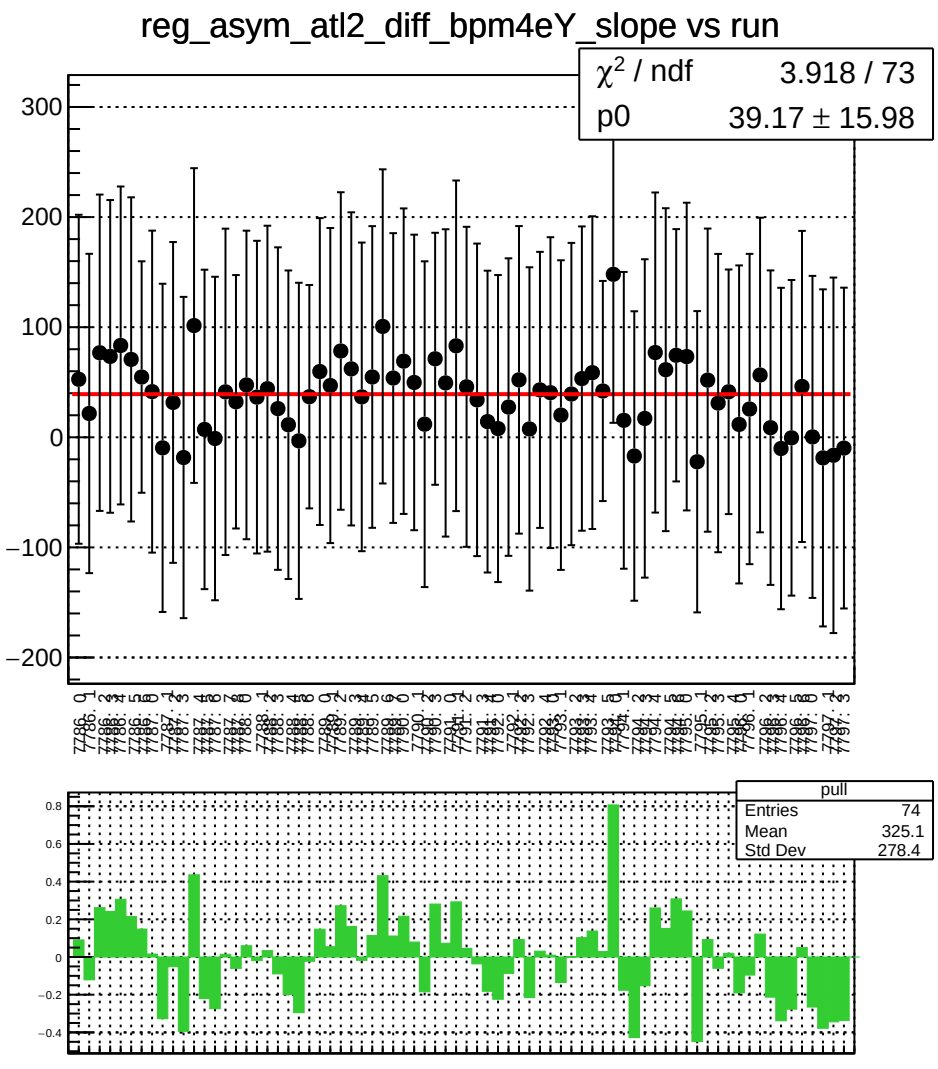

reg_asym_atl2_diff_bpm1X_slope vs run
χ² / ndf 6.16 / 73
p0 −236.7 ± 13.88
pull
Entries 74
Mean −23.9
Std Dev 24.22
pull1D
Entries 74
Mean −0.00317
Std Dev 0.2885

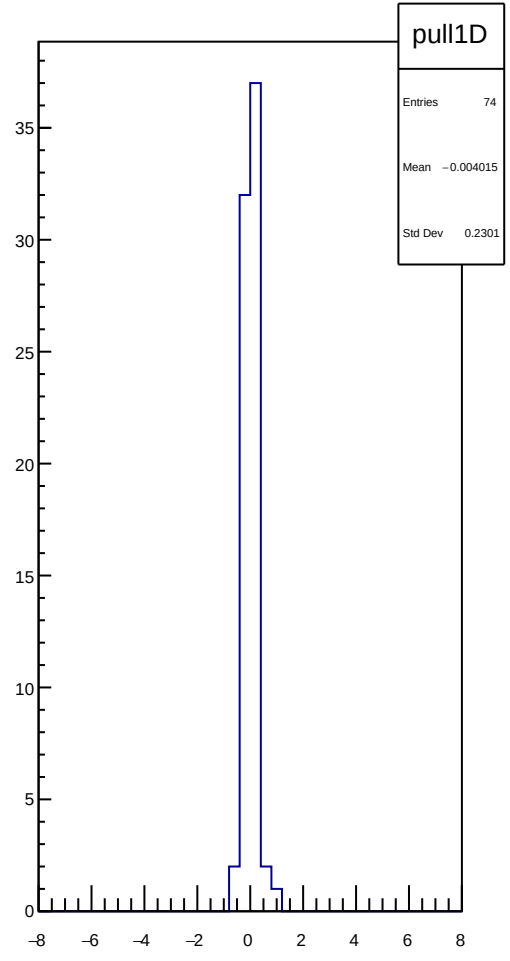

reg_asym_atl2_diff_bpm4aY_slope vs run
χ² / ndf 3.937 / 73
p0 79.8 ± 14.1
pull
Entries 74
Mean 364.4
Std Dev 318.5

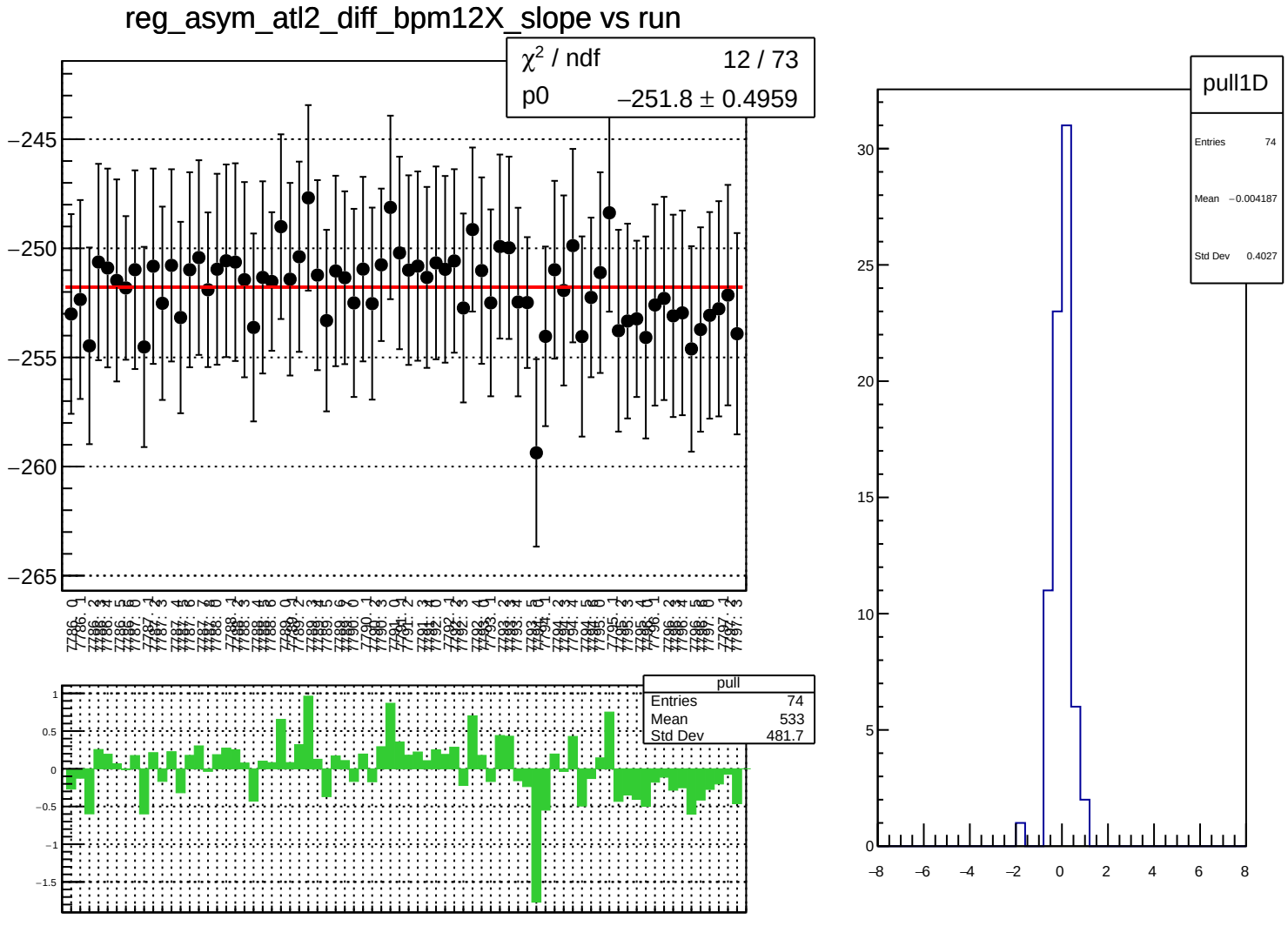

pull1D
Entries 74
Mean 0.004094
Std Dev 0.2306

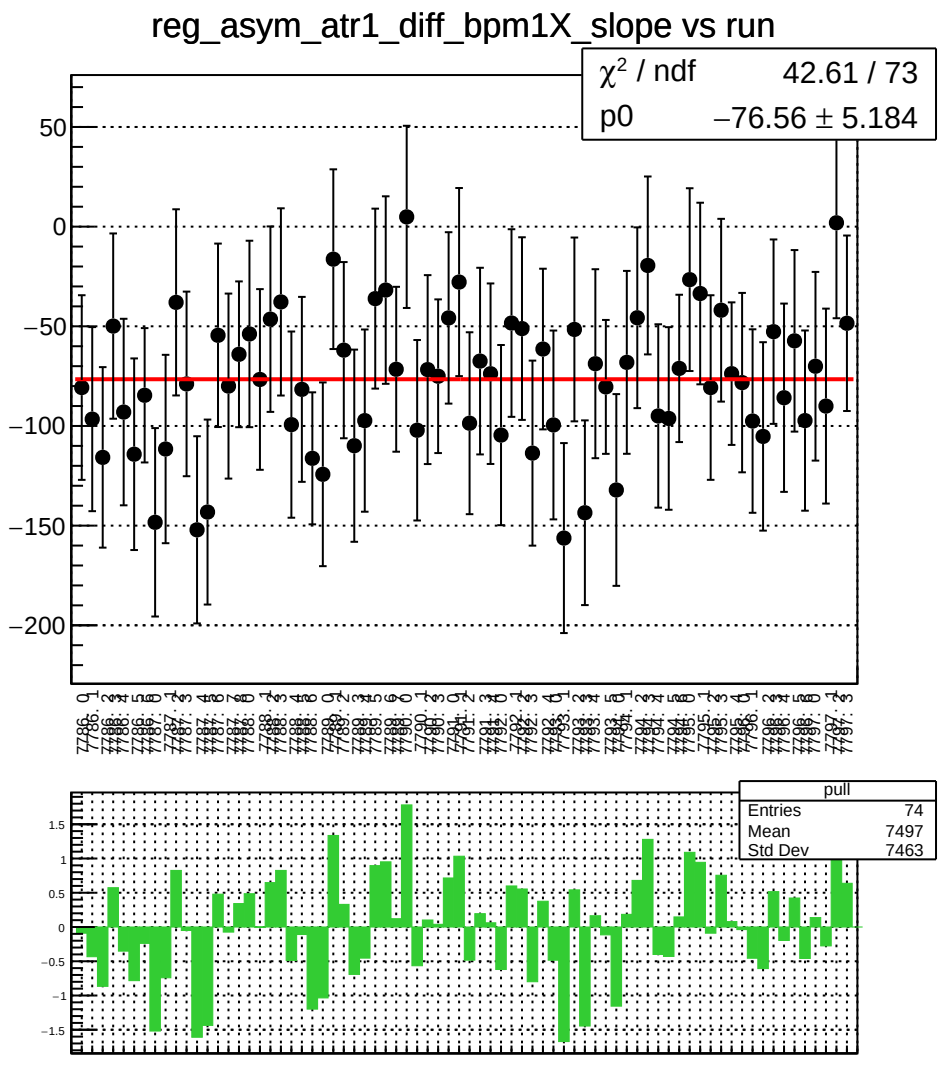

reg_asym_atl2_diff_bpm4eX_slope vs run
χ² / ndf 6.214 / 73
p0 149.2 ± 12.07
pull
Entries 74
Mean −104.3
Std Dev 131.5

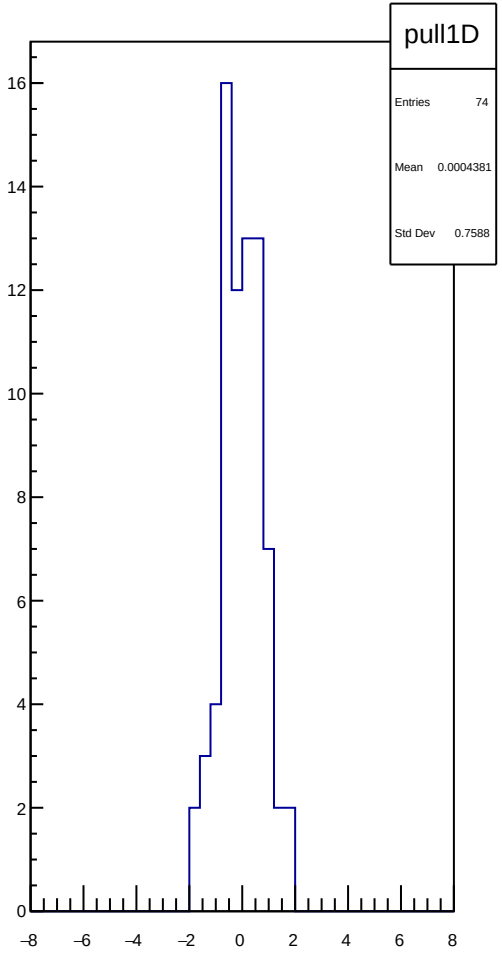

pull1D
Entries 74
Mean 0.00335
Std Dev 0.2898

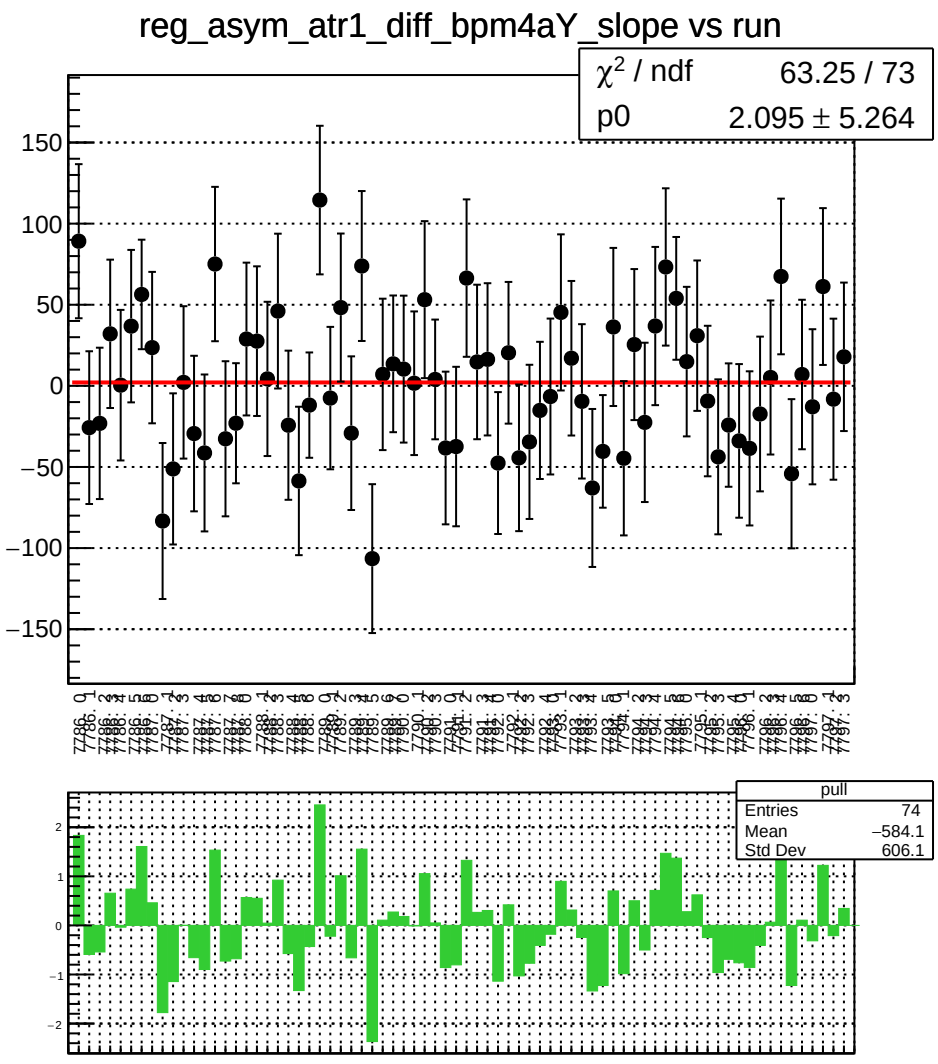

reg_asym_atl2_diff_bpm4eY_slope vs run
χ² / ndf 3.918 / 73
p0 39.17 ± 15.98
pull
Entries 74
Mean 325.1
Std Dev 278.4

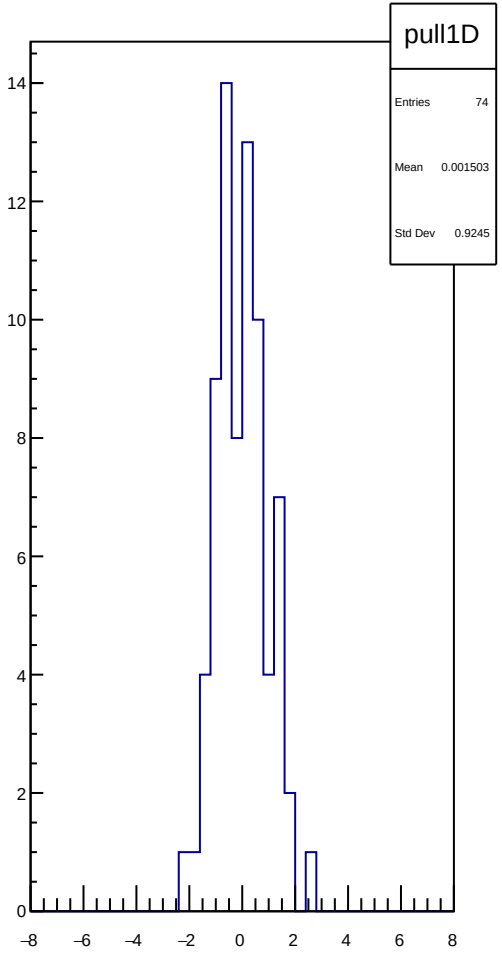

pull1D
Entries 74
Mean −0.004015
Std Dev 0.2301

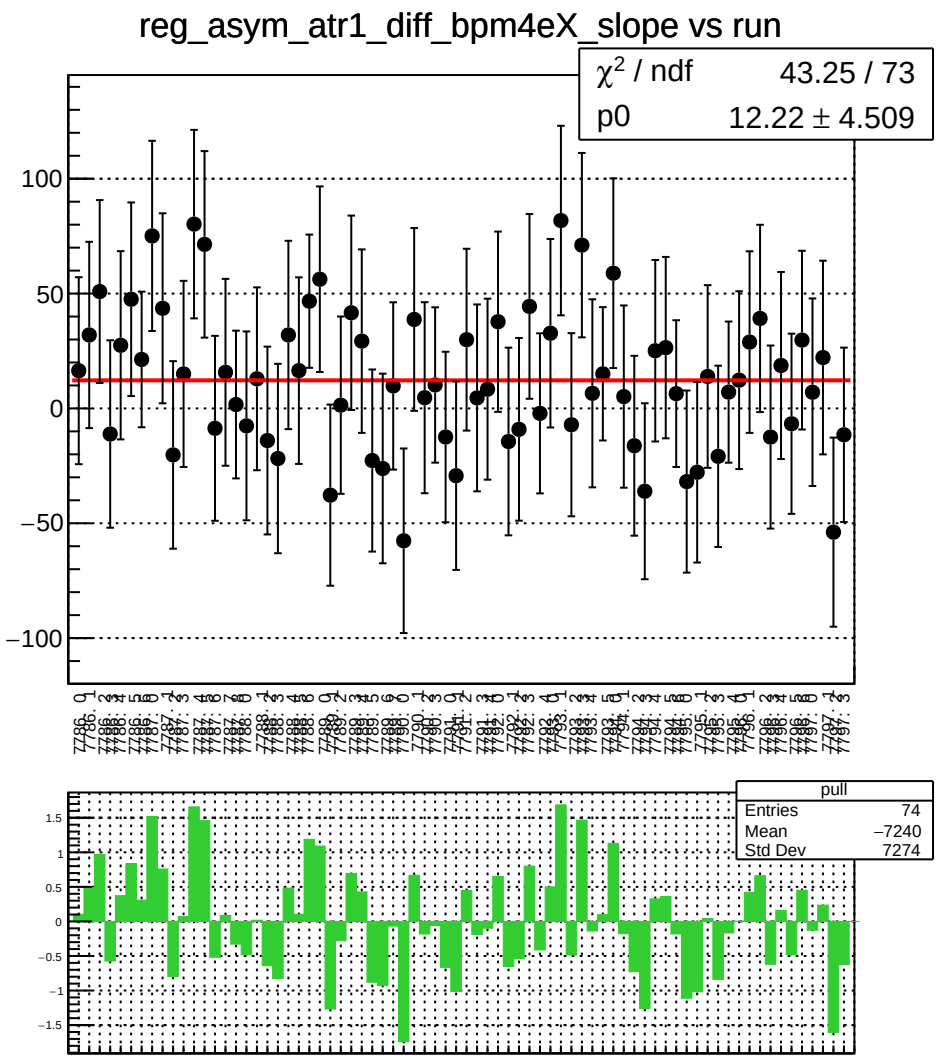

reg_asym_atl2_diff_bpm12X_slope vs run
χ² / ndf 12 / 73
p0 −251.8 ± 0.4959
−245
−250
−255
−260
−265
pull
Entries 74
Mean 533
Std Dev 481.7
1
0.5
0
−0.5
−1
−1.5
pull1D
Entries 74
Mean −0.004187
Std Dev 0.4027
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

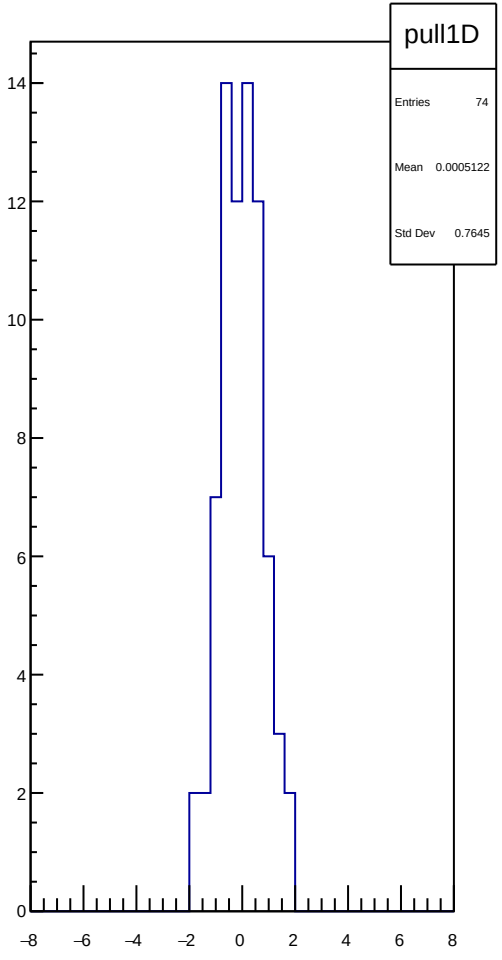

reg_asym_atr1_diff_bpm1X_slope vs run
χ² / ndf 42.61 / 73
p0 −76.56 ± 5.184
pull
Entries 74
Mean 7497
Std Dev 7463

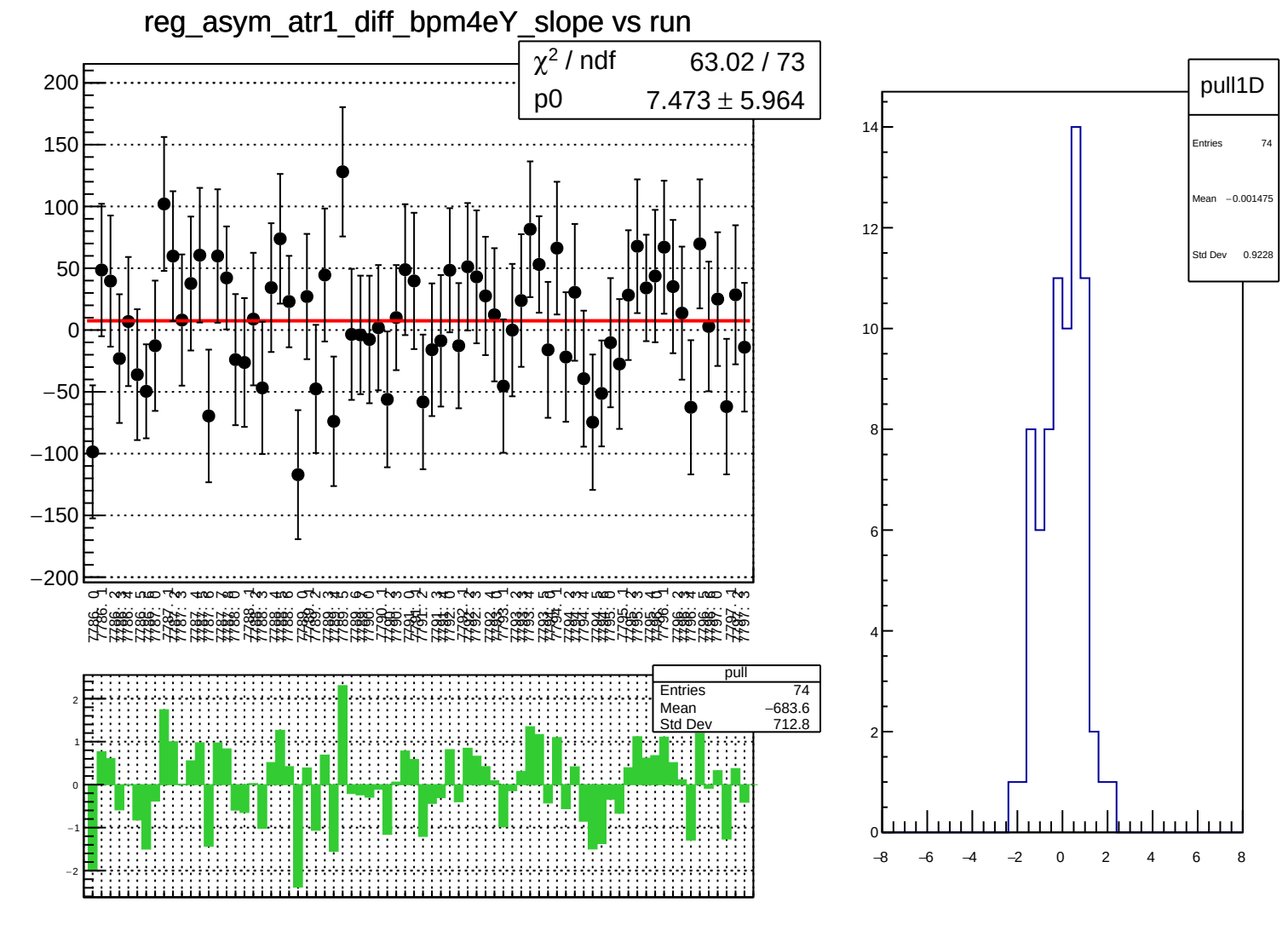

pull1D
Entries 74
Mean 0.0004381
Std Dev 0.7588

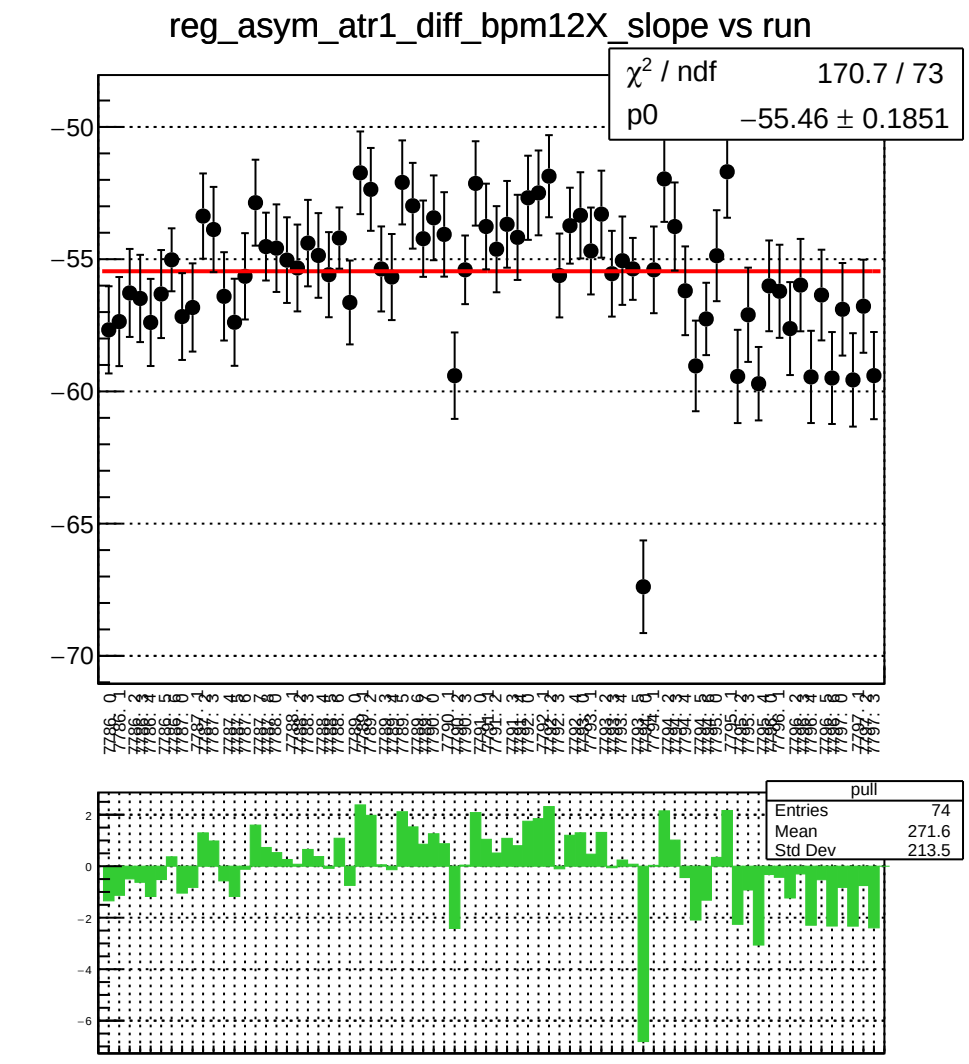

reg_asym_atr1_diff_bpm4aY_slope vs run
χ² / ndf 63.25 / 73
p0 2.095 ± 5.264
pull
Entries 74
Mean −584.1
Std Dev 606.1

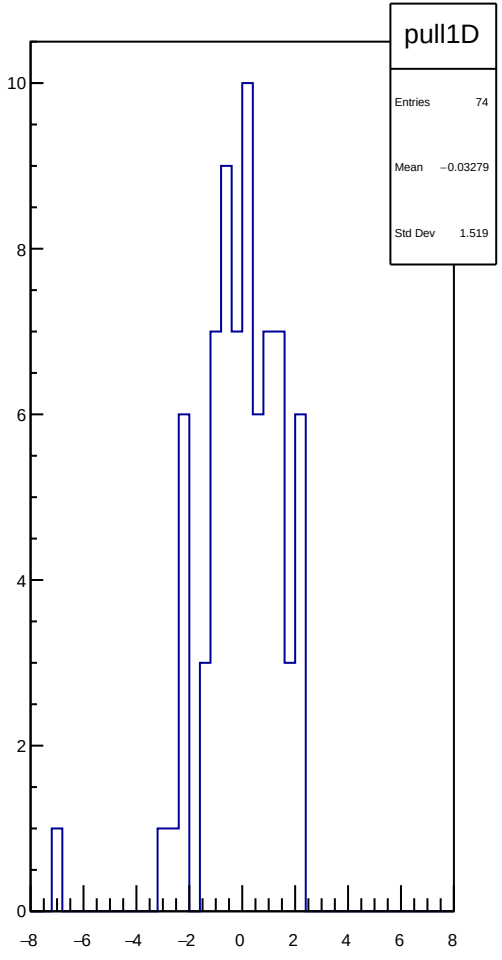

pull1D
Entries 74
Mean 0.001503
Std Dev 0.9245

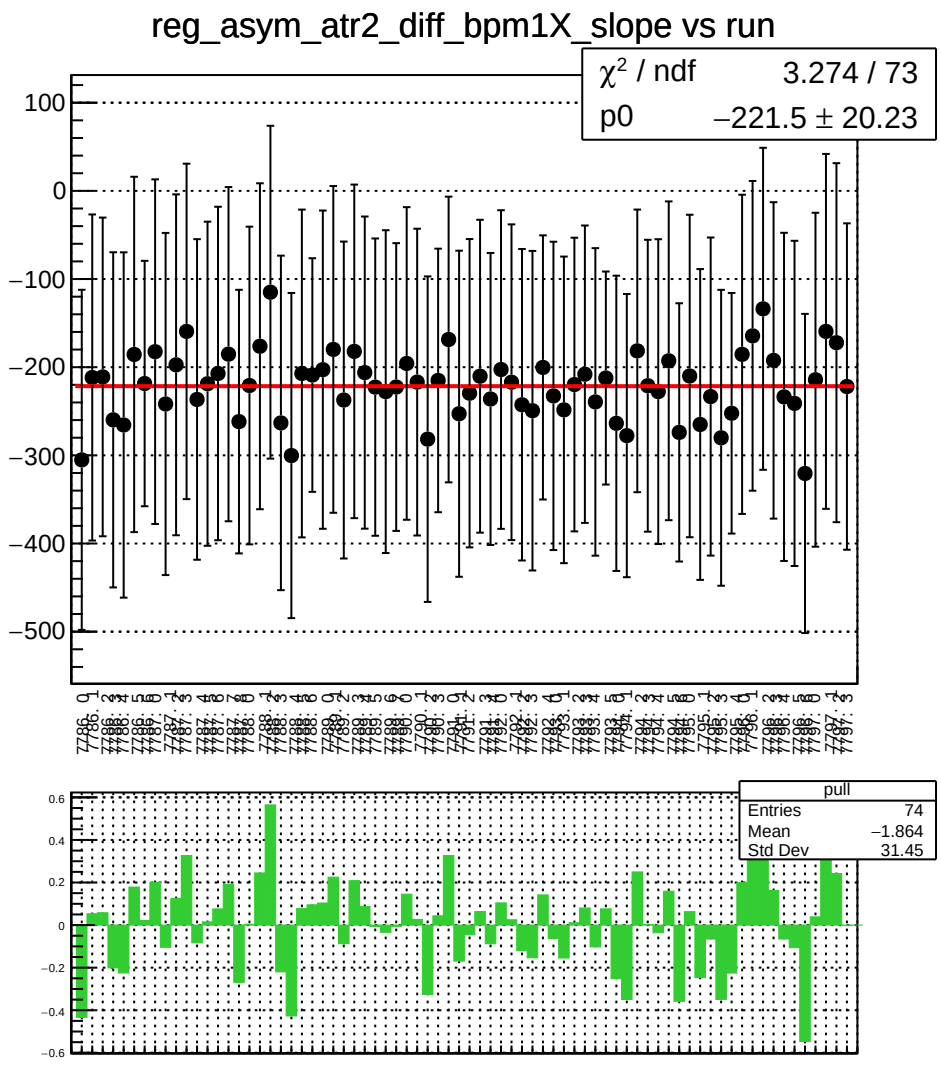

reg_asym_atr1_diff_bpm4eX_slope vs run
χ² / ndf 43.25 / 73
p0 12.22 ± 4.509
pull
Entries 74
Mean −7240
Std Dev 7274

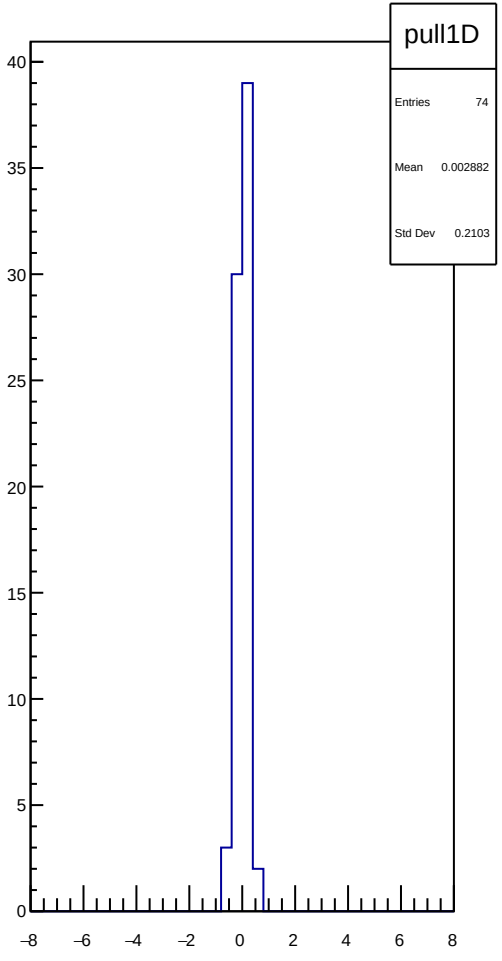

pull1D
Entries 74
Mean 0.0005122
Std Dev 0.7645

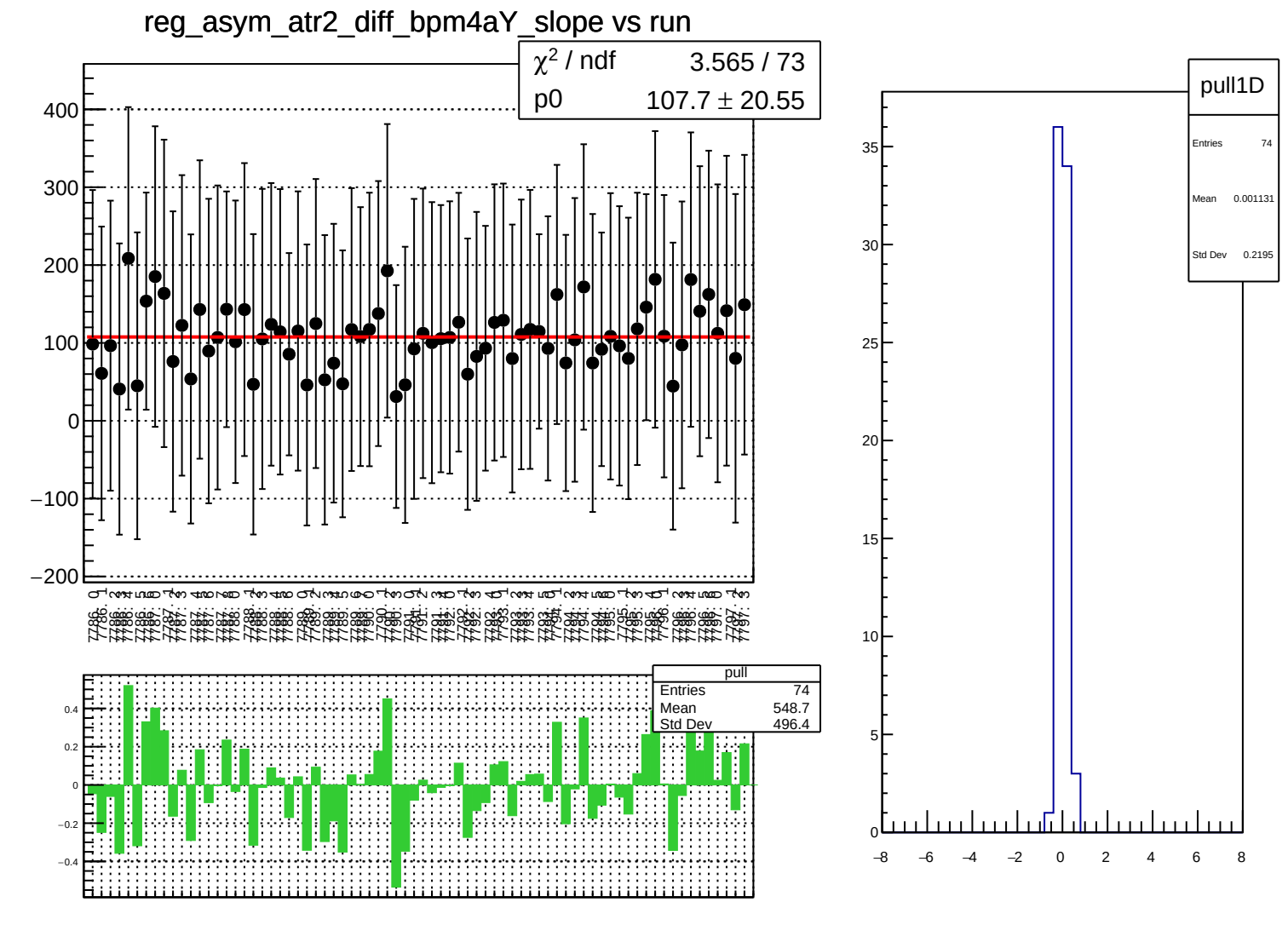

reg_asym_atr1_diff_bpm4eY_slope vs run
χ² / ndf 63.02 / 73
p0 7.473 ± 5.964
pull
Entries 74
Mean −683.6
Std Dev 712.8
pull1D
Entries 74
Mean −0.001475
Std Dev 0.9228

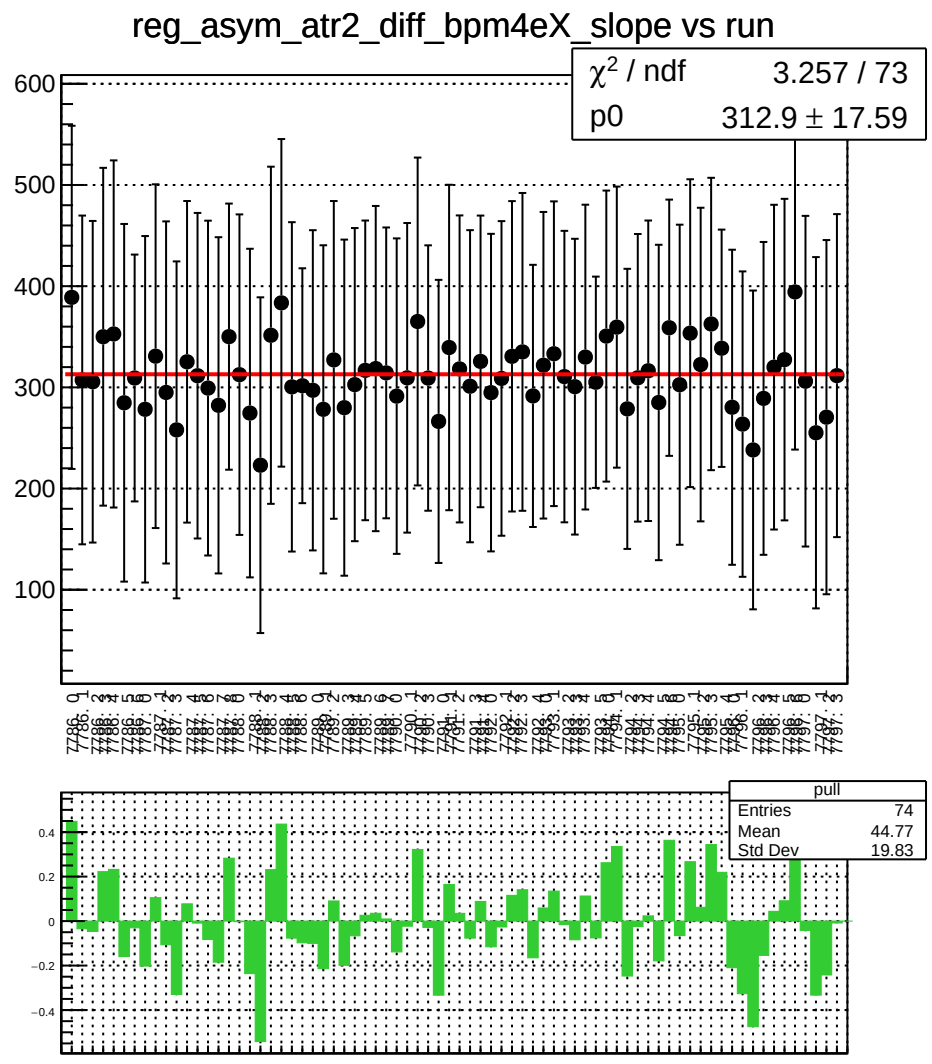

reg_asym_atr1_diff_bpm12X_slope vs run
χ² / ndf 170.7 / 73
p0 −55.46 ± 0.1851
pull
Entries 74
Mean 271.6
Std Dev 213.5

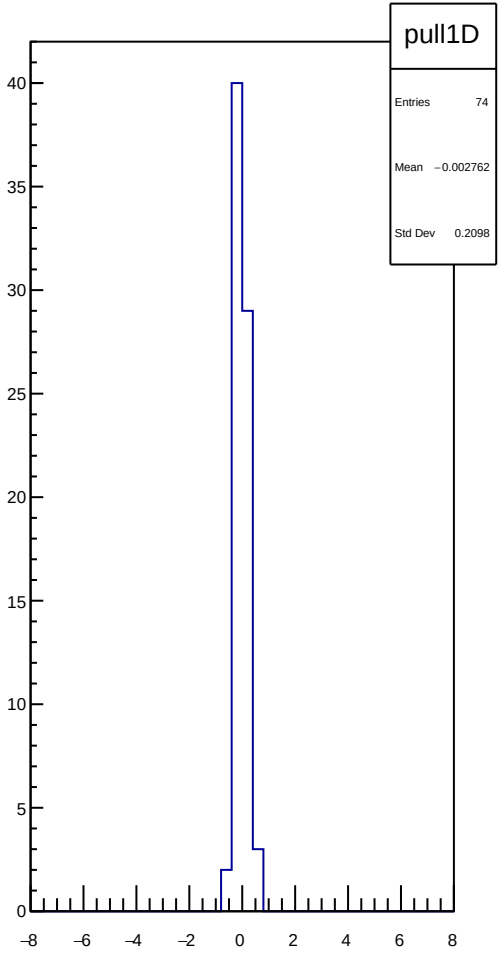

pull1D
Entries 74
Mean −0.03279
Std Dev 1.519

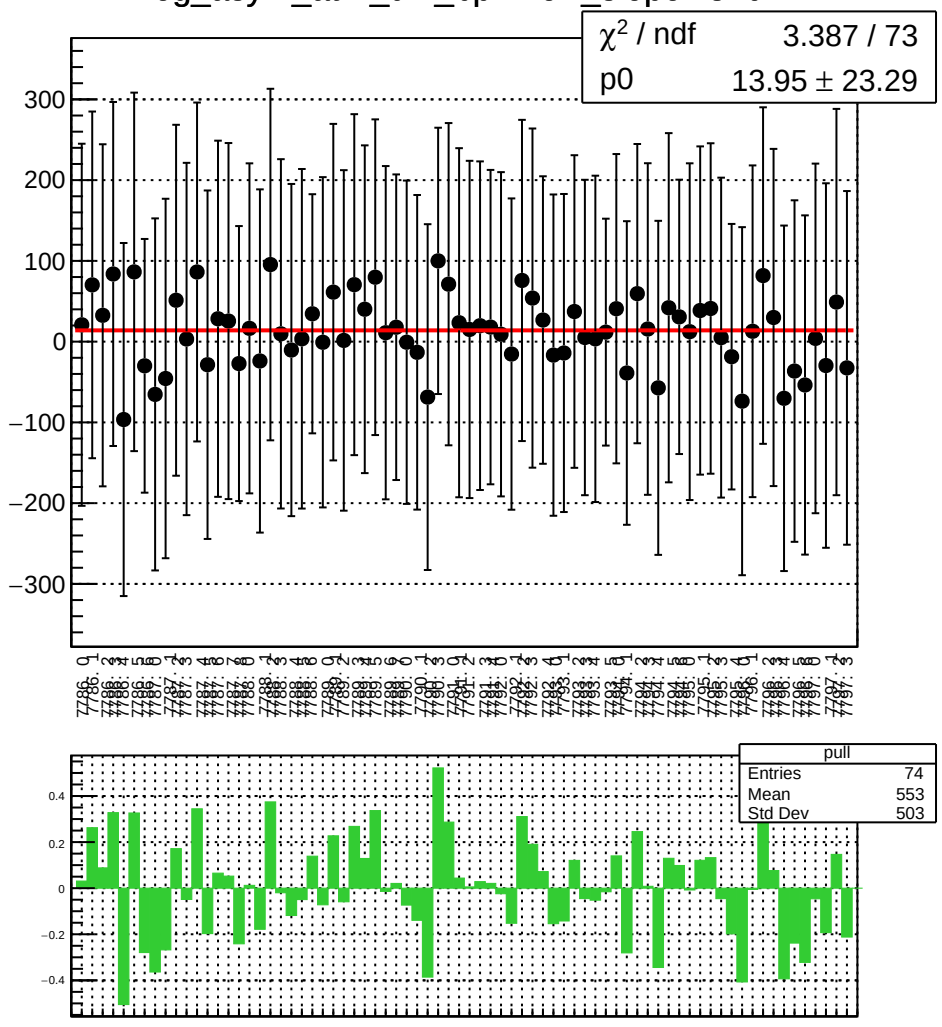

reg_asym_atr2_diff_bpm1X_slope vs run
χ² / ndf 3.274 / 73
p0 −221.5 ± 20.23
pull
Entries 74
Mean −1.864
Std Dev 31.45

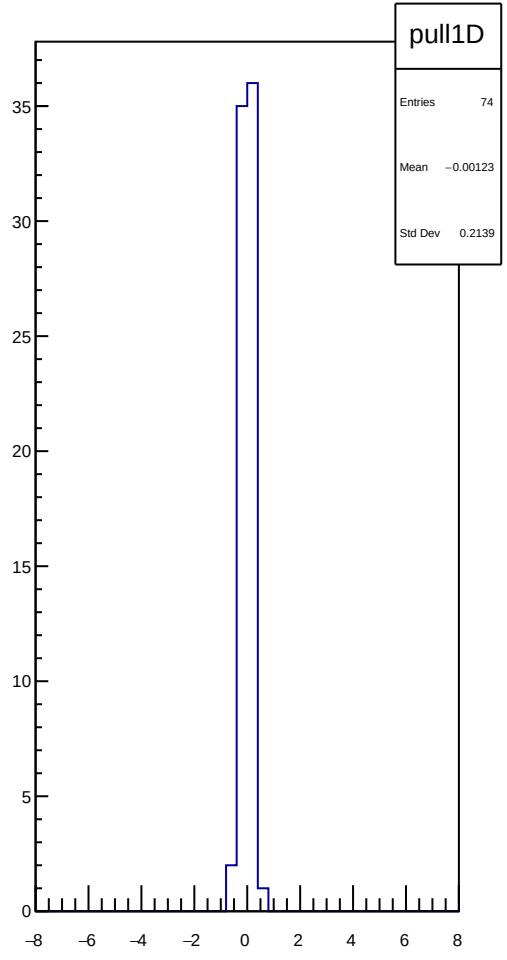

pull1D
Entries 74
Mean 0.002882
Std Dev 0.2103

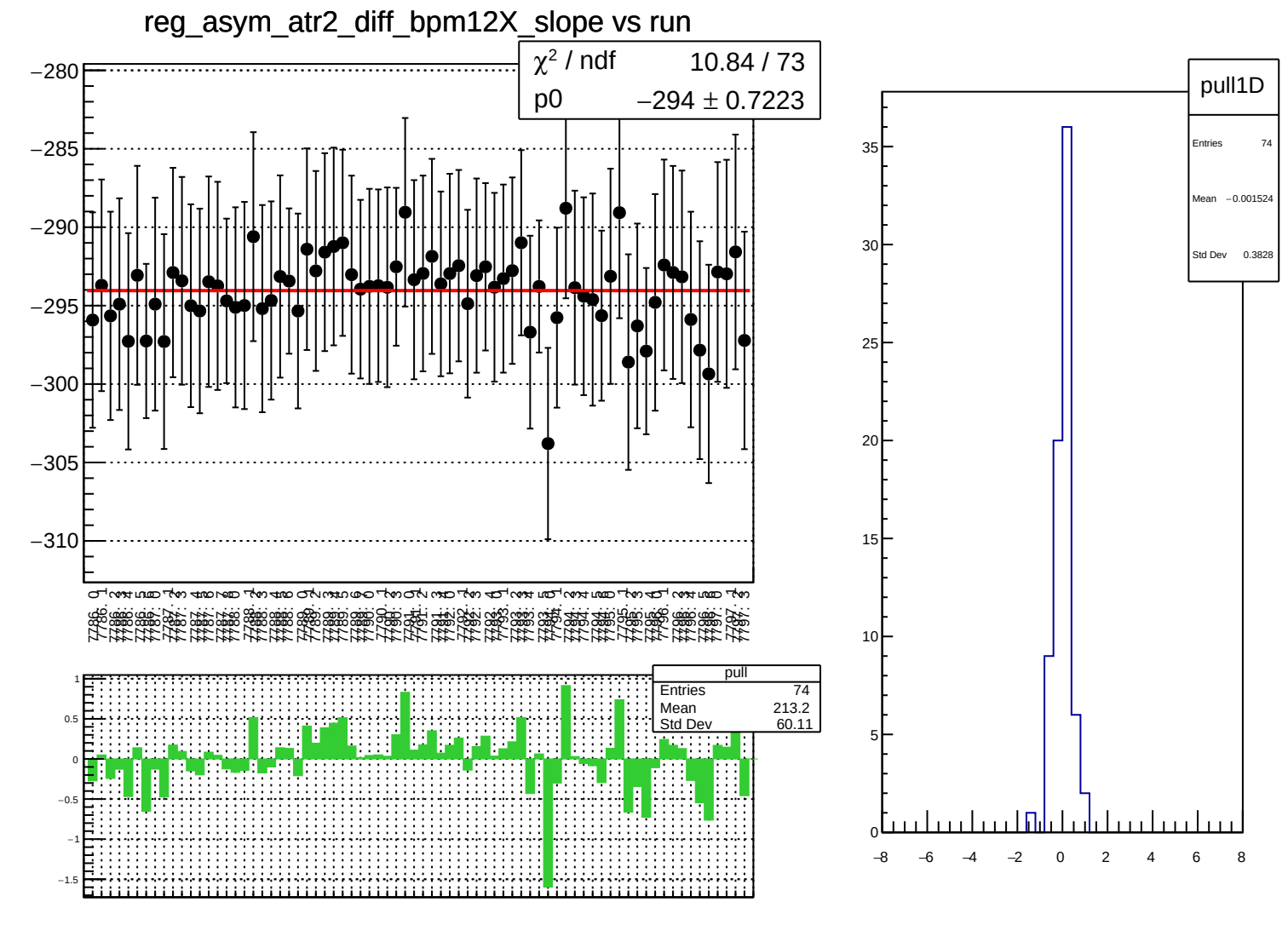

reg_asym_atr2_diff_bpm4aY_slope vs run
χ² / ndf 3.565 / 73
p0 107.7 ± 20.55
pull
Entries 74
Mean 548.7
Std Dev 496.4
pull1D
Entries 74
Mean 0.001131
Std Dev 0.2195

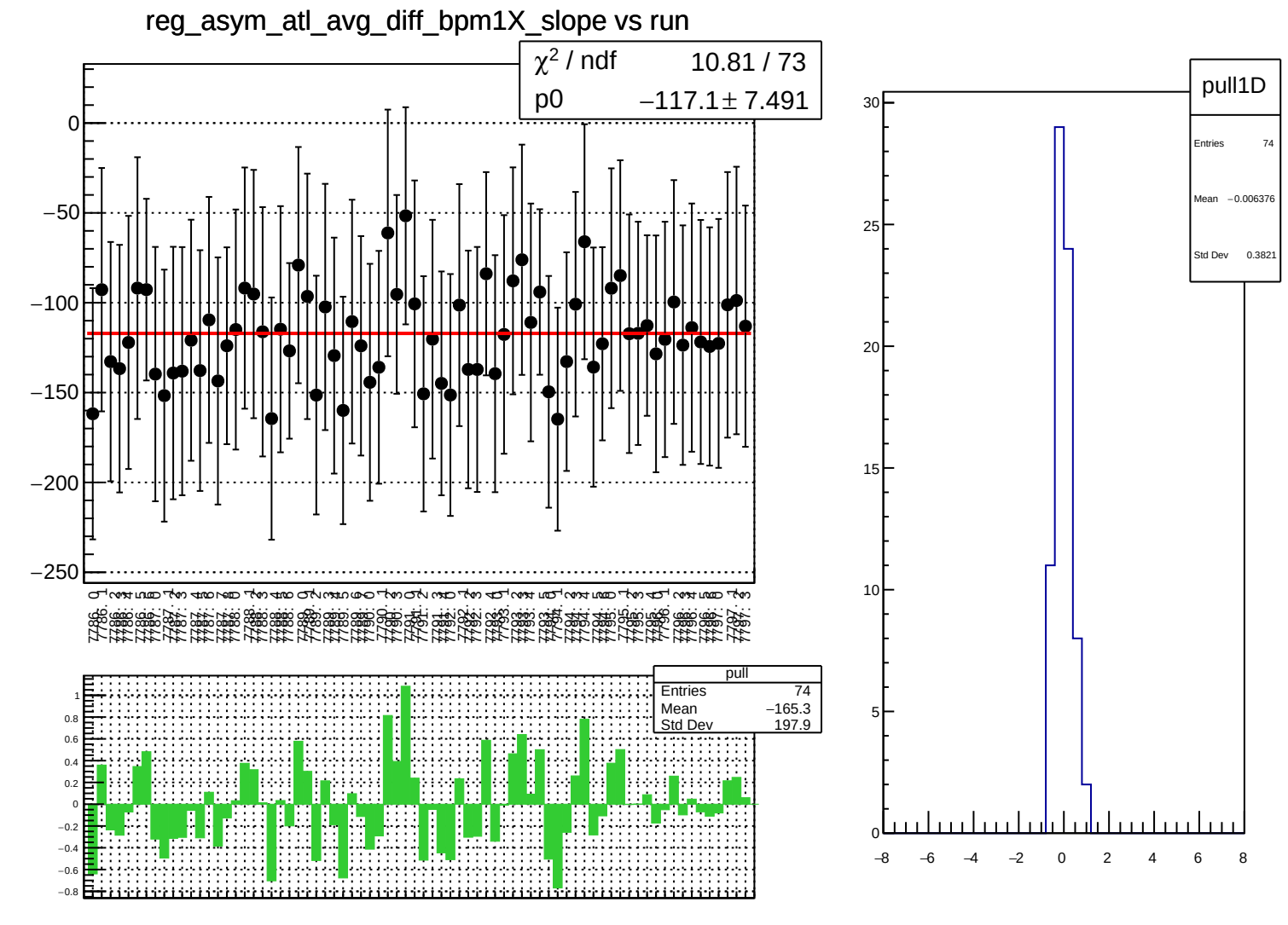

reg_asym_atr2_diff_bpm4eX_slope vs run
χ² / ndf 3.257 / 73
p0 312.9 ± 17.59
pull
Entries 74
Mean 44.77
Std Dev 19.83

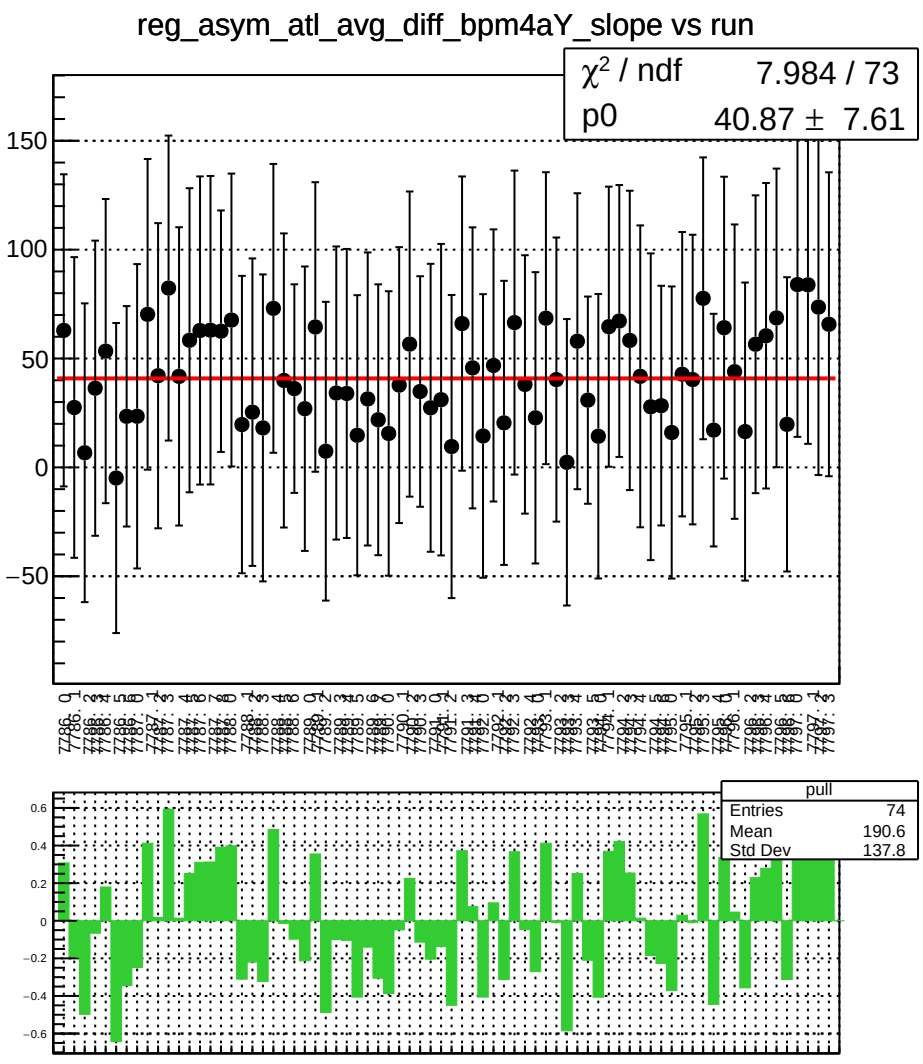

pull1D
Entries 74
Mean −0.002762
Std Dev 0.2098

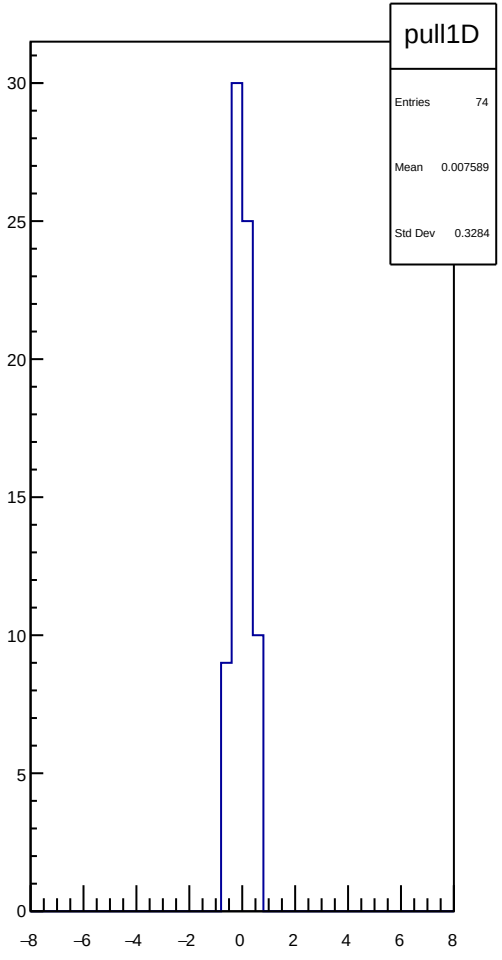

reg_asym_atr2_diff_bpm4eY_slope vs run
χ² / ndf 3.387 / 73
p0 13.95 ± 23.29
pull
Entries 74
Mean 553
Std Dev 503

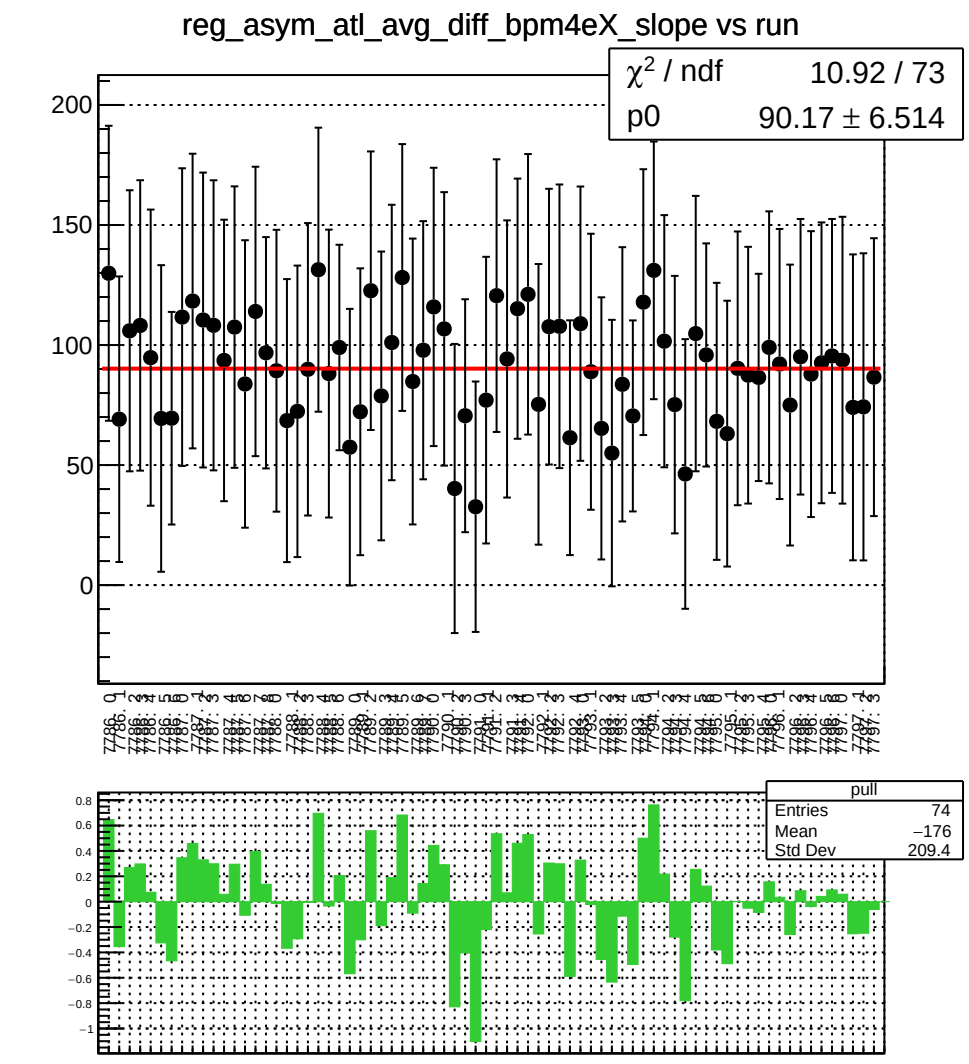

pull1D
Entries 74
Mean −0.00123
Std Dev 0.2139

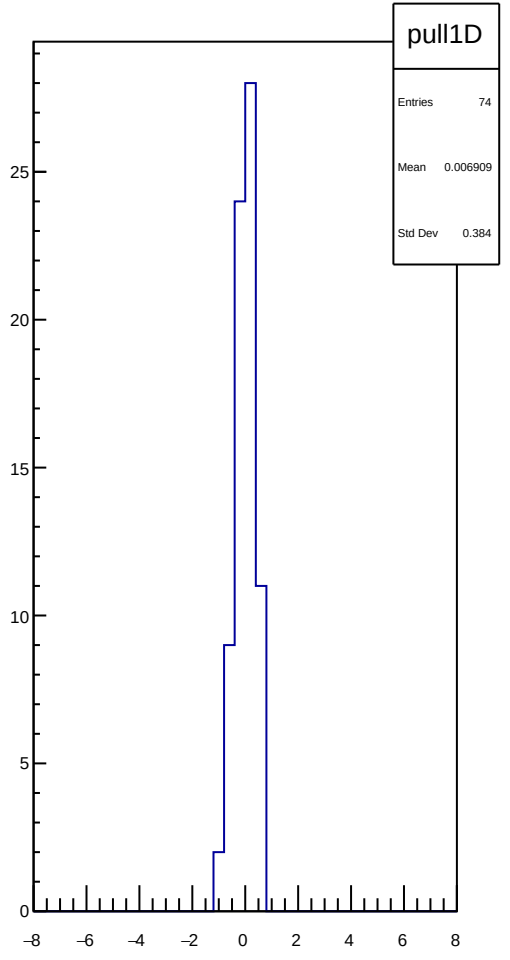

reg_asym_atr2_diff_bpm12X_slope vs run
χ² / ndf 10.84 / 73
p0 −294 ± 0.7223
pull
Entries 74
Mean 213.2
Std Dev 60.11
pull1D
Entries 74
Mean −0.001524
Std Dev 0.3828

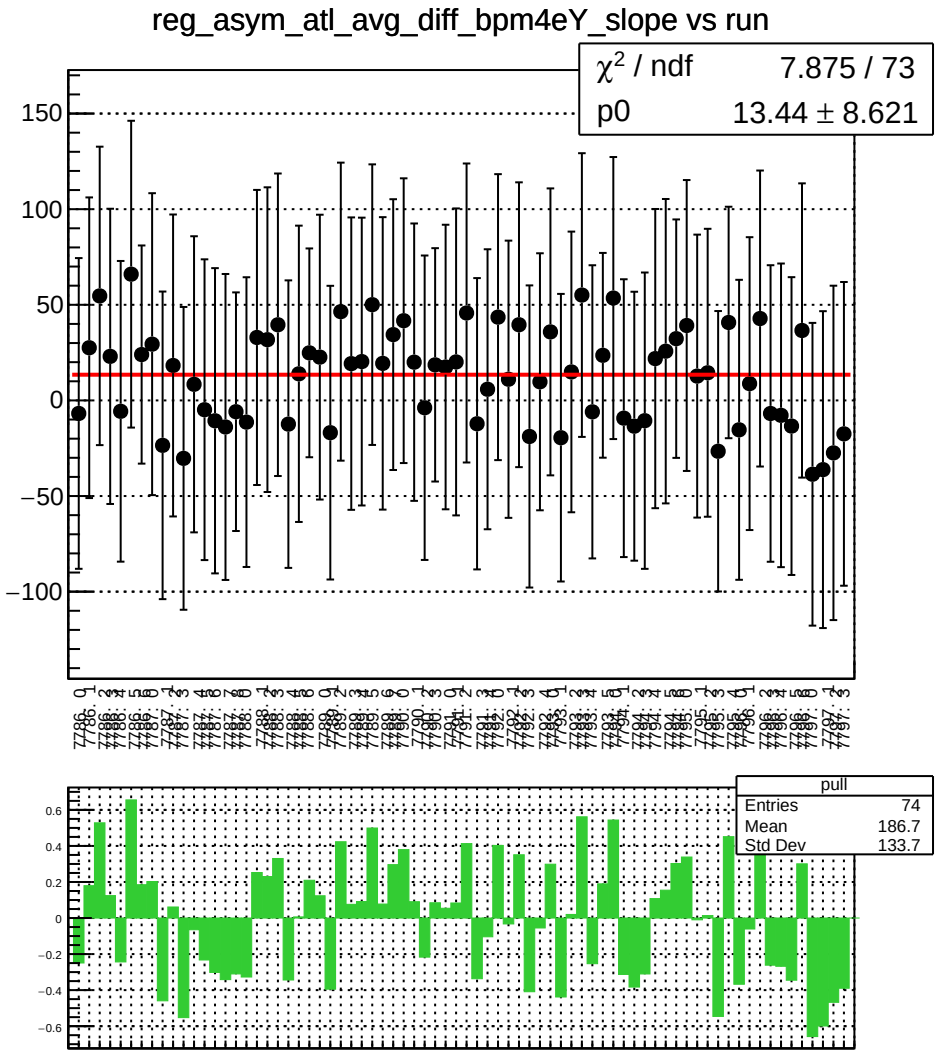

reg_asym_atl_avg_diff_bpm1X_slope vs run
χ² / ndf 10.81 / 73
p0 −117.1 ± 7.491
pull
Entries 74
Mean −165.3
Std Dev 197.9
pull1D
Entries 74
Mean −0.006376
Std Dev 0.3821

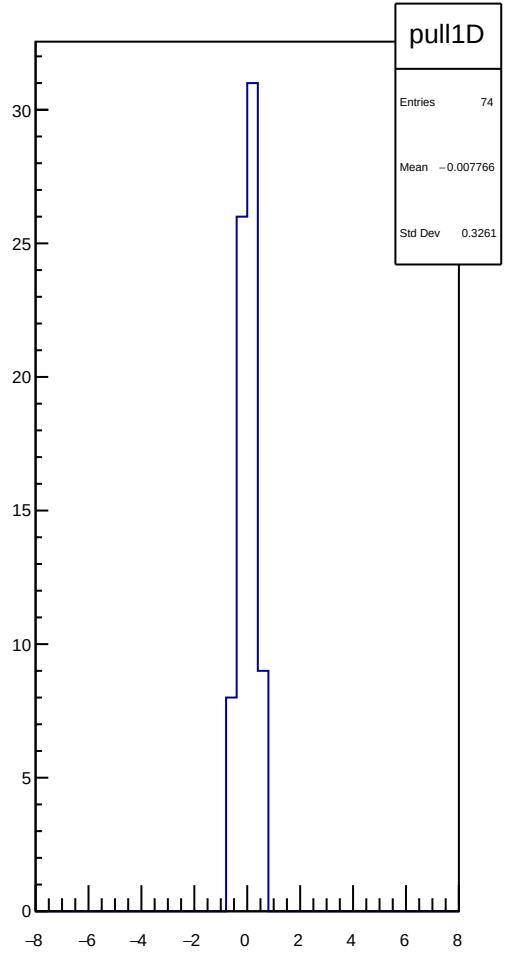

reg_asym_atl_avg_diff_bpm4aY_slope vs run
χ² / ndf 7.984 / 73
p0 40.87 ± 7.61
150
100
50
0
−50
pull
Entries 74
Mean 190.6
Std Dev 137.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6

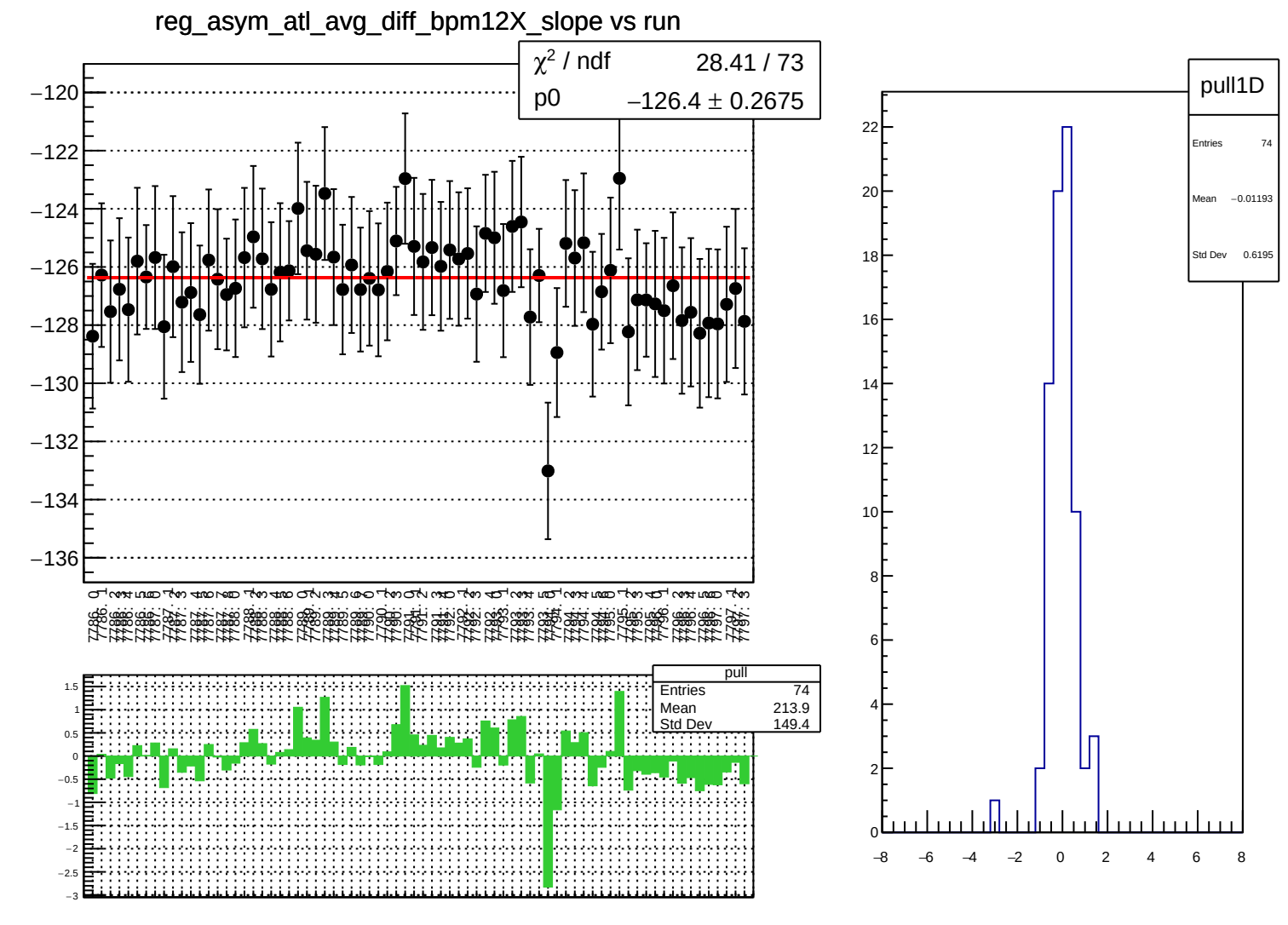

pull1D
Entries 74
Mean 0.007589
Std Dev 0.3284
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

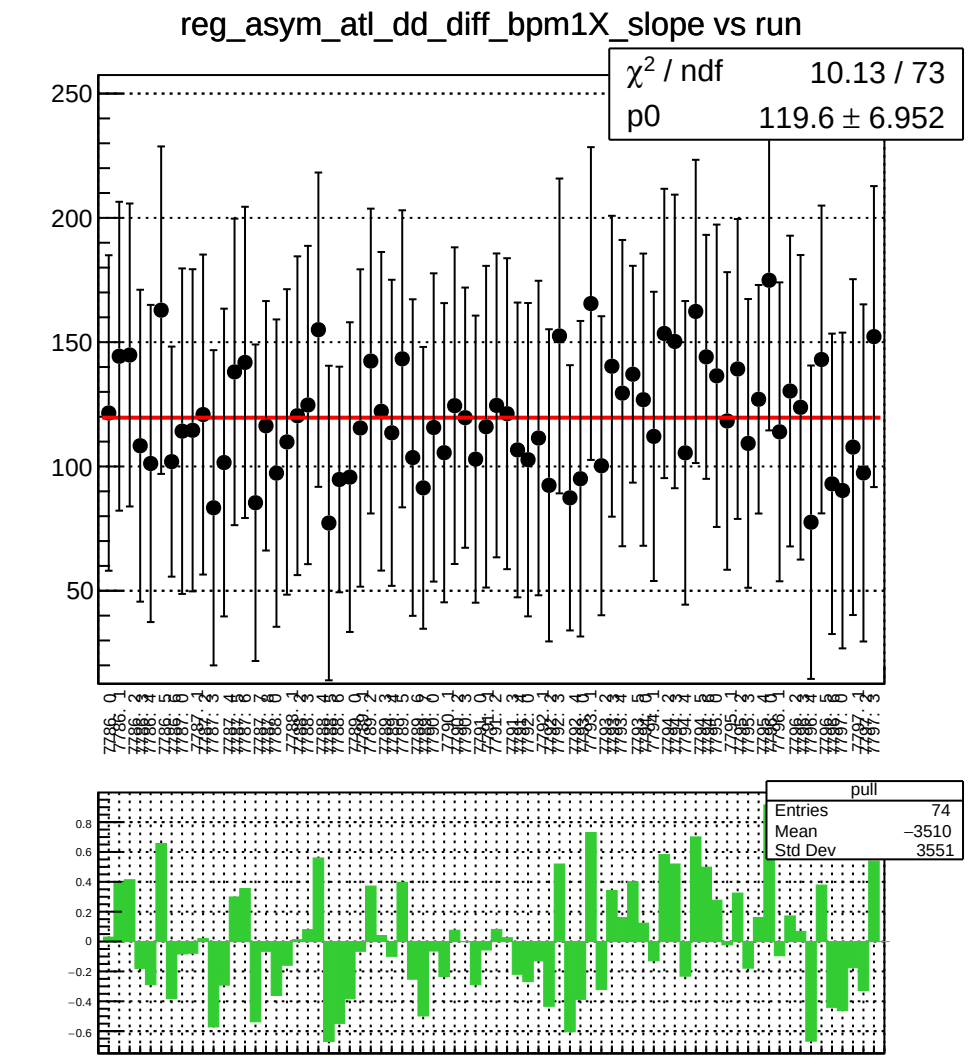

reg_asym_atl_avg_diff_bpm4eX_slope vs run
χ² / ndf 10.92 / 73
p0 90.17 ± 6.514
200
150
100
50
0
pull
Entries 74
Mean −176
Std Dev 209.4
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1

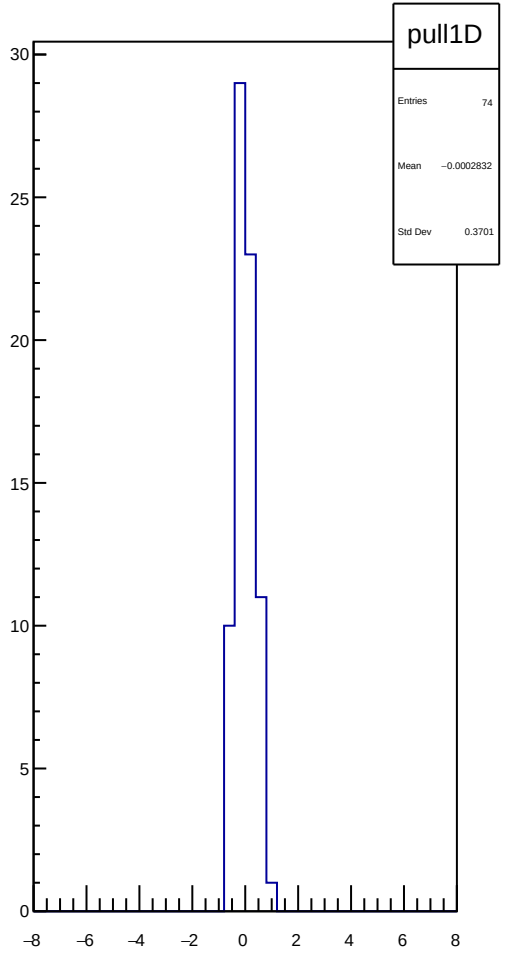

pull1D
Entries 74
Mean 0.006909
Std Dev 0.384
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

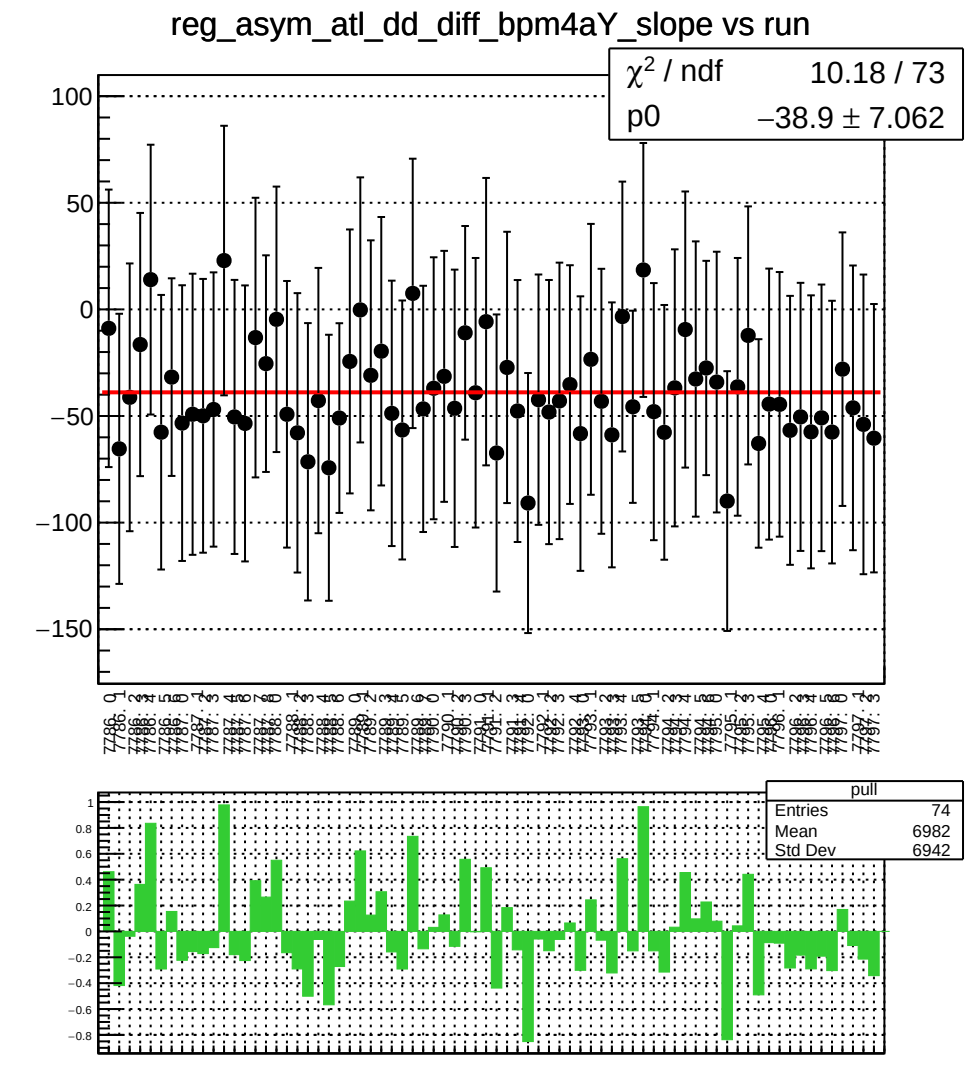

reg_asym_atl_avg_diff_bpm4eY_slope vs run
χ² / ndf 7.875 / 73
p0 13.44 ± 8.621
150
100
50
0
−50
−100
pull
Entries 74
Mean 186.7
Std Dev 133.7
0.6
0.4
0.2
0
−0.2
−0.4
−0.6

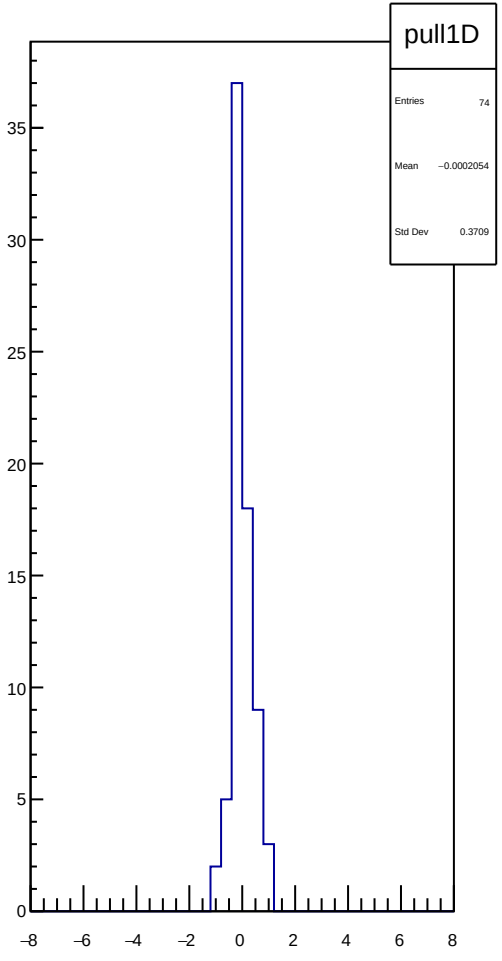

pull1D
Entries 74
Mean −0.007766
Std Dev 0.3261
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

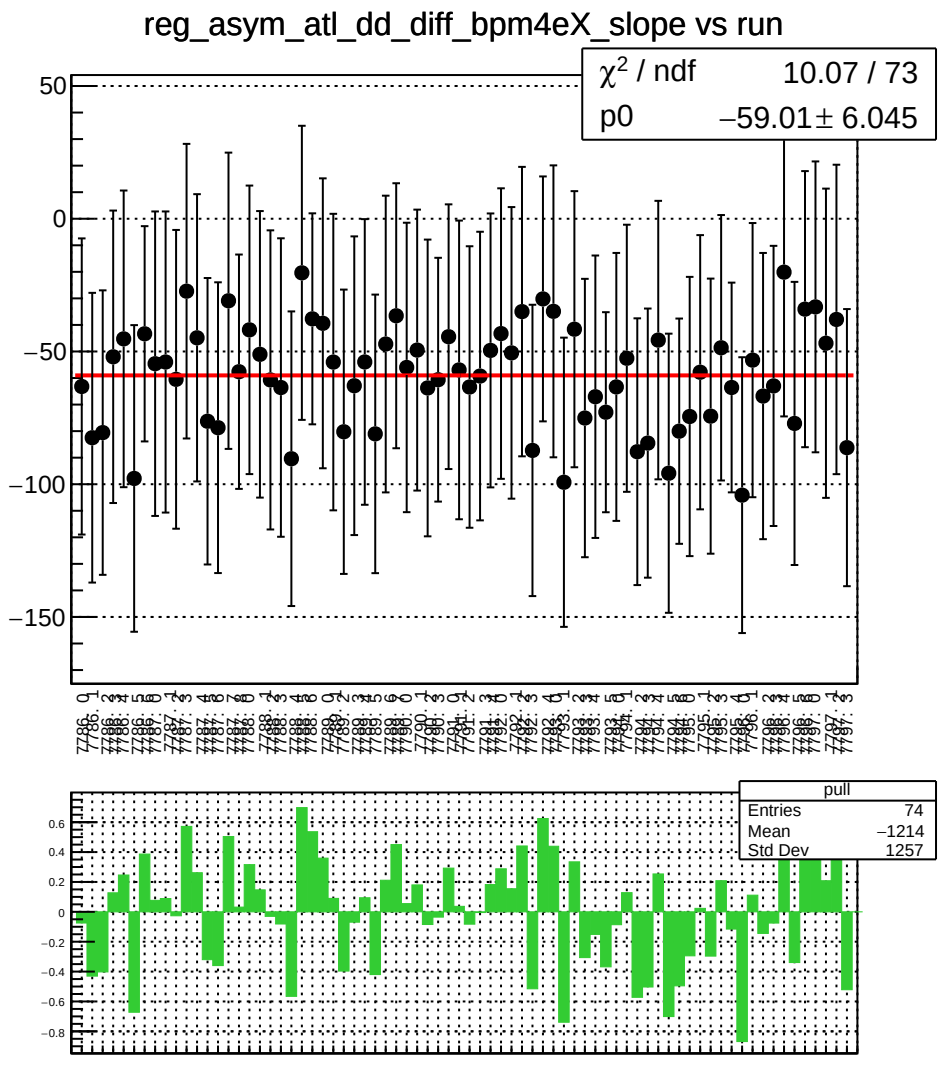

reg_asym_atl_avg_diff_bpm12X_slope vs run
χ² / ndf 28.41 / 73
p0 −126.4 ± 0.2675
pull
Entries 74
Mean 213.9
Std Dev 149.4
pull1D
Entries 74
Mean −0.01193
Std Dev 0.6195

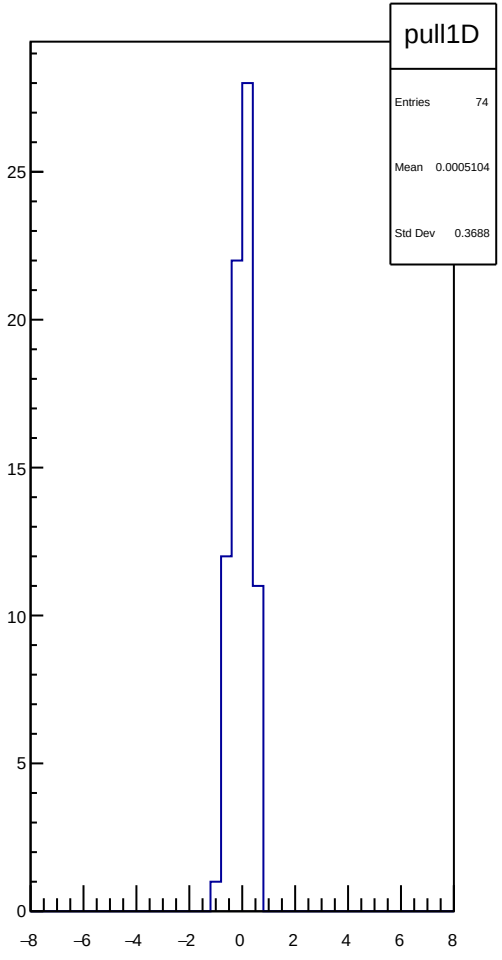

reg_asym_atl_dd_diff_bpm1X_slope vs run
χ² / ndf 10.13 / 73
p0 119.6 ± 6.952
250
200
150
100
50
pull
Entries 74
Mean −3510
Std Dev 3551
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6

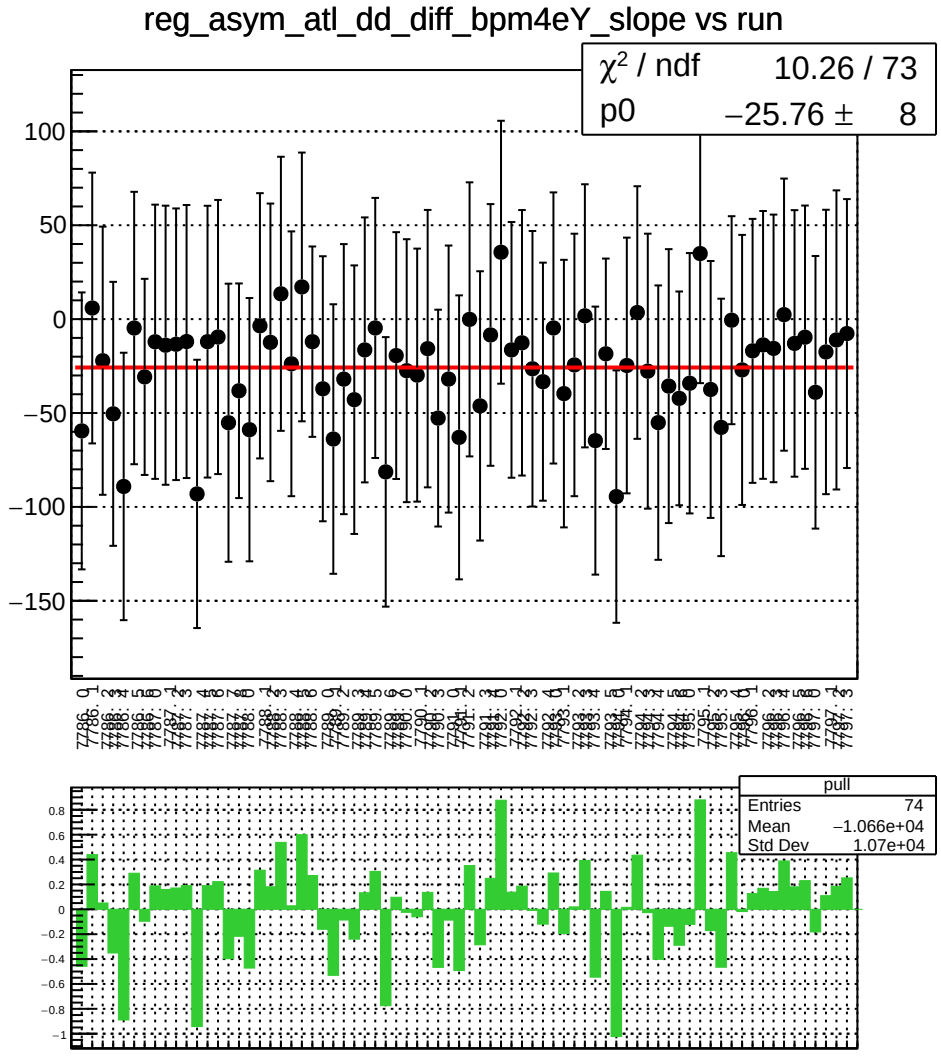

pull1D
Entries 74
Mean −0.0002832
Std Dev 0.3701
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

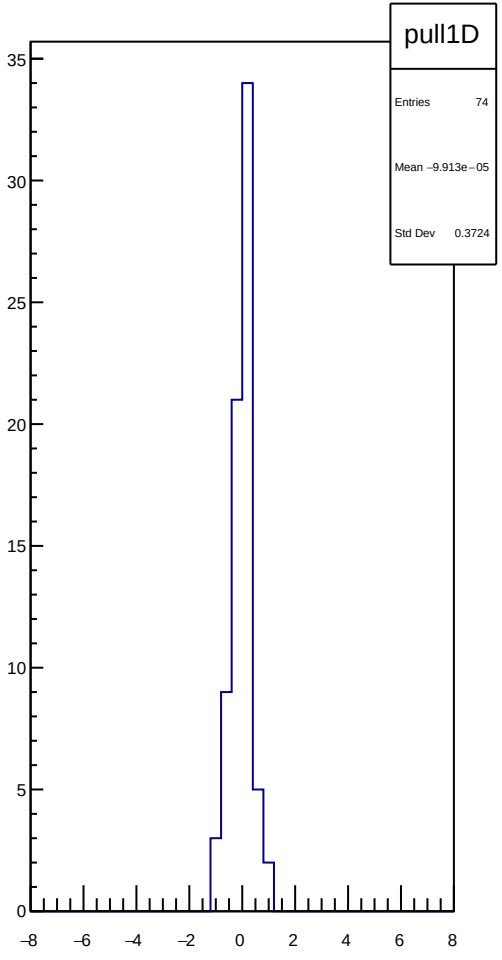

reg_asym_atl_dd_diff_bpm4aY_slope vs run
χ² / ndf 10.18 / 73
p0 −38.9 ± 7.062
pull
Entries 74
Mean 6982
Std Dev 6942

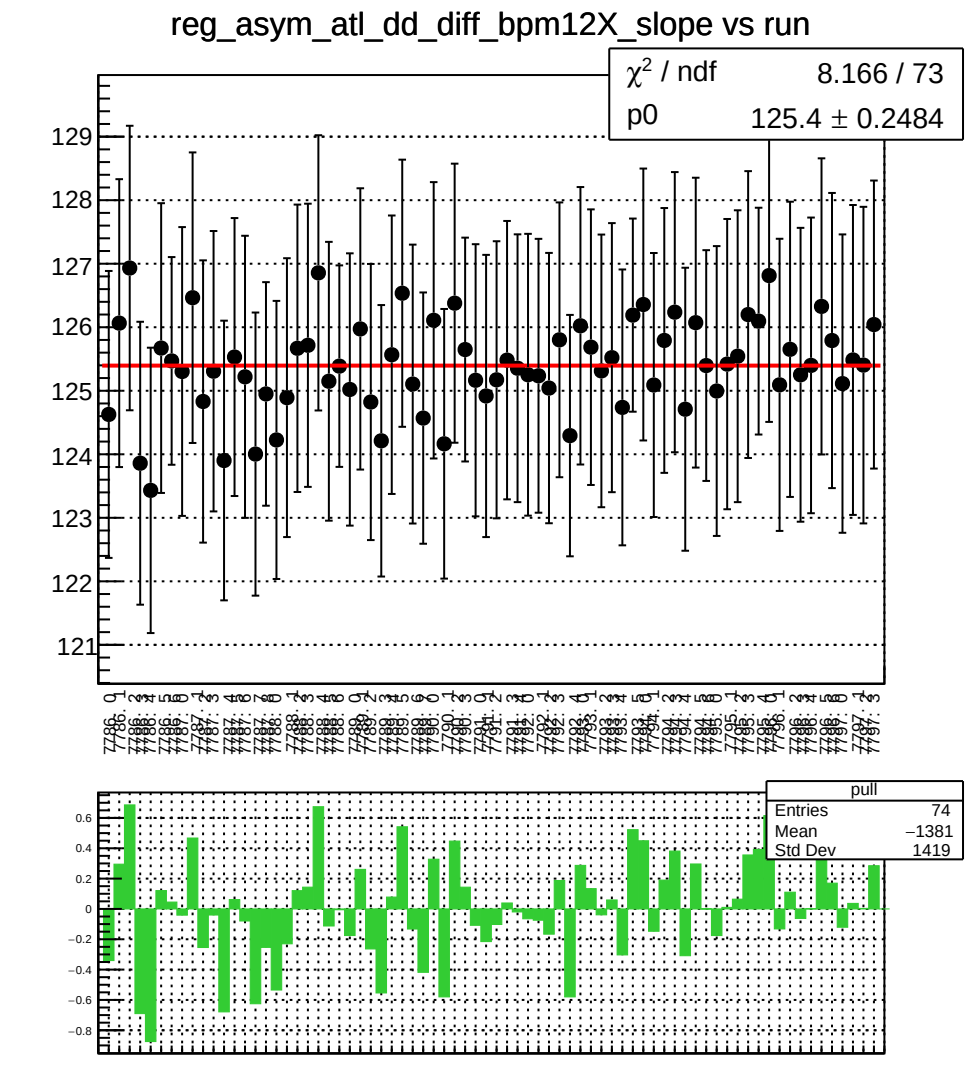

pull1D
Entries 74
Mean −0.0002054
Std Dev 0.3709

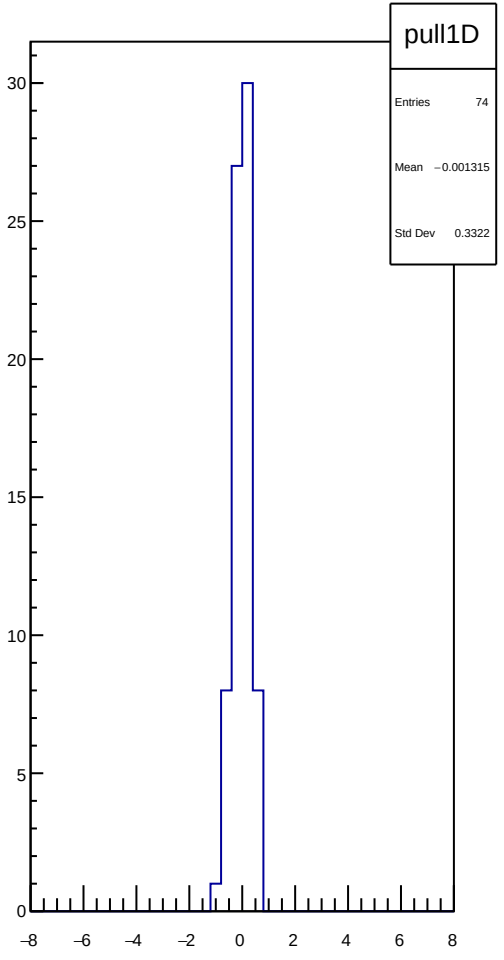

reg_asym_atl_dd_diff_bpm4eX_slope vs run
χ² / ndf 10.07 / 73
p0 −59.01± 6.045
pull
Entries 74
Mean −1214
Std Dev 1257

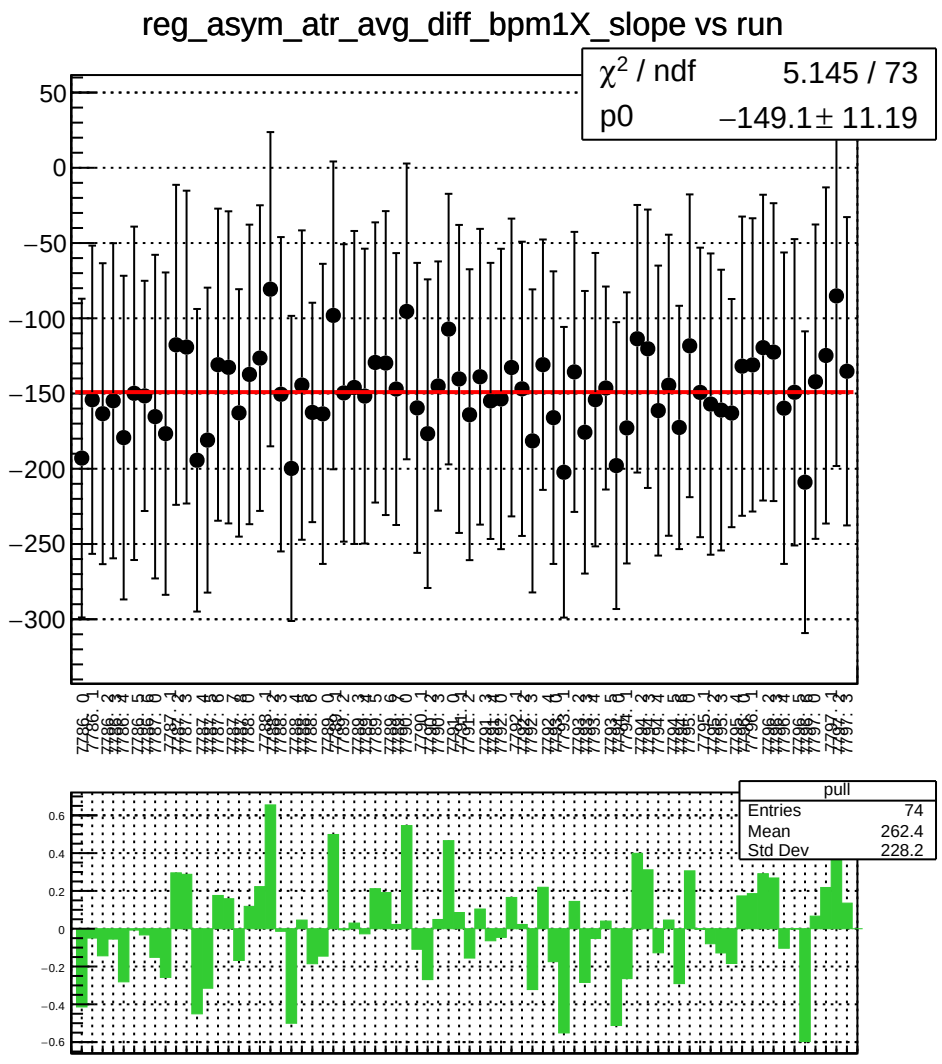

pull1D
Entries 74
Mean 0.0005104
Std Dev 0.3688

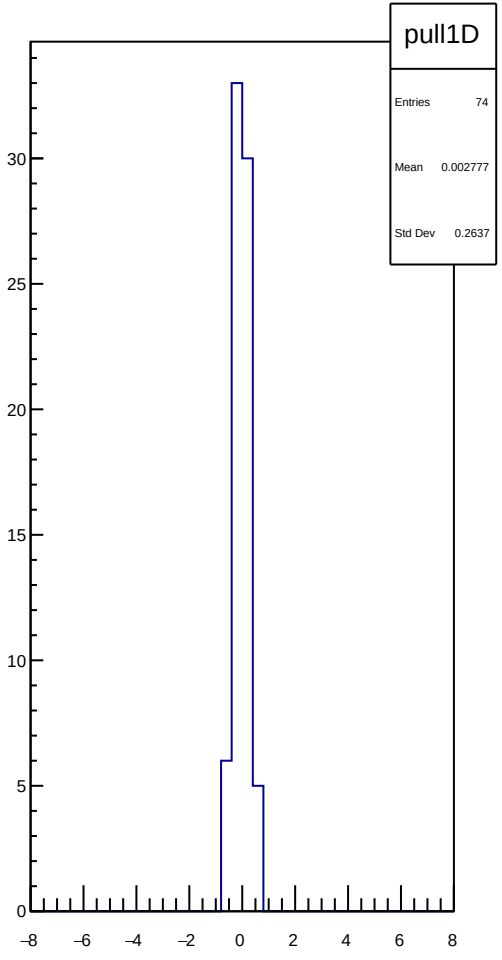

reg_asym_atl_dd_diff_bpm4eY_slope vs run
χ² / ndf 10.26 / 73
p0 −25.76 ± 8
pull
Entries 74
Mean −1.066e+04
Std Dev 1.07e+04

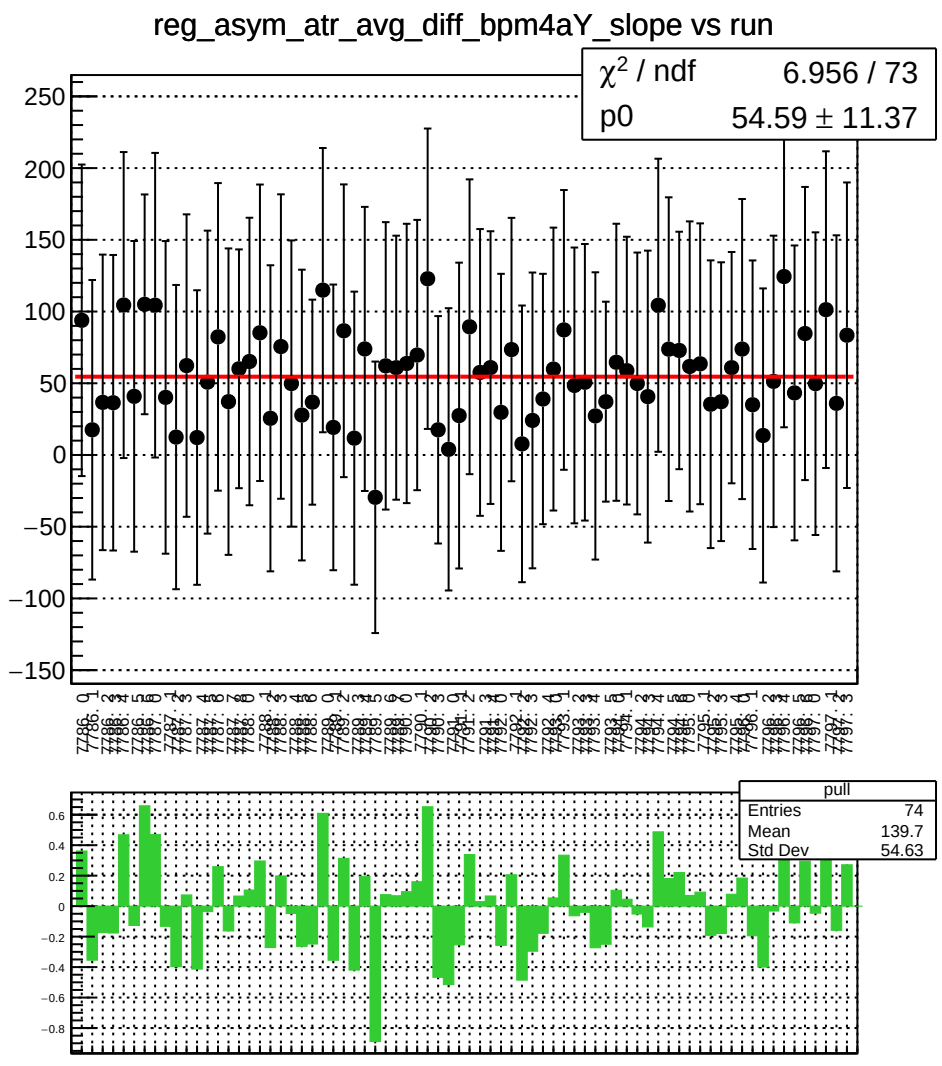

pull1D
Entries 74
Mean −9.913e−05
Std Dev 0.3724

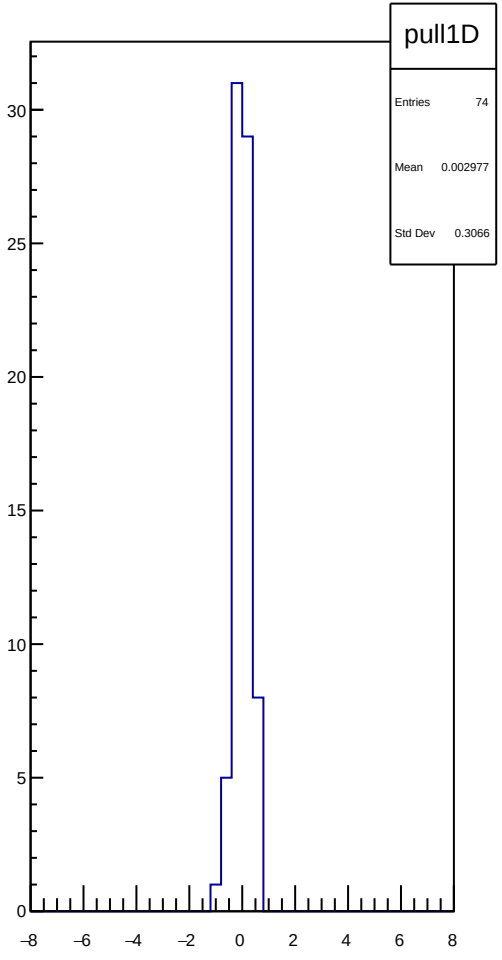

reg_asym_atl_dd_diff_bpm12X_slope vs run
χ² / ndf 8.166 / 73
p0 125.4 ± 0.2484
pull
Entries 74
Mean −1381
Std Dev 1419

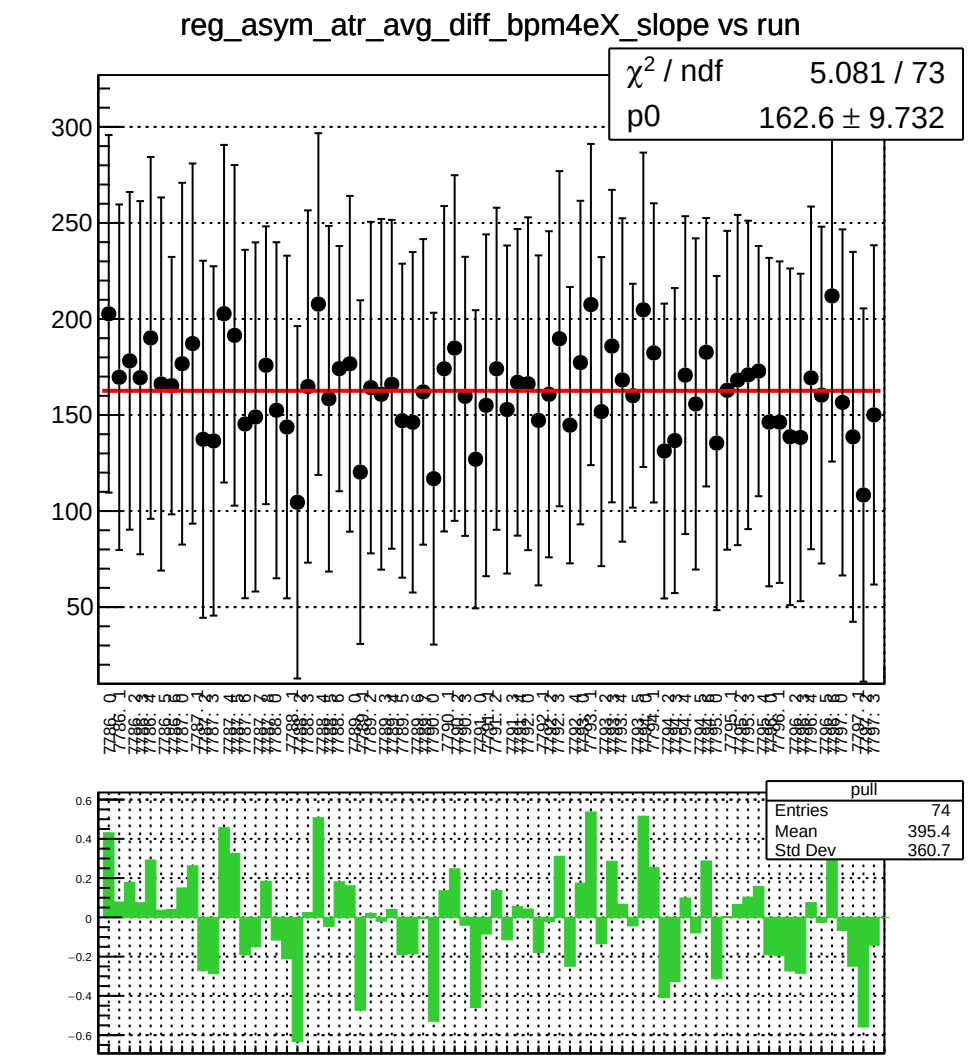

pull1D
Entries 74
Mean −0.001315
Std Dev 0.3322

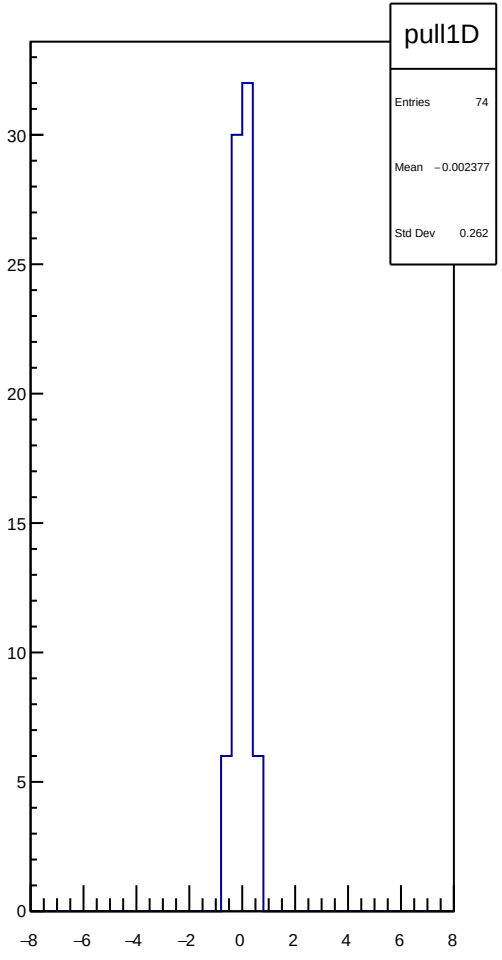

reg_asym_atr_avg_diff_bpm1X_slope vs run
χ² / ndf 5.145 / 73
p0 −149.1± 11.19
pull
Entries 74
Mean 262.4
Std Dev 228.2

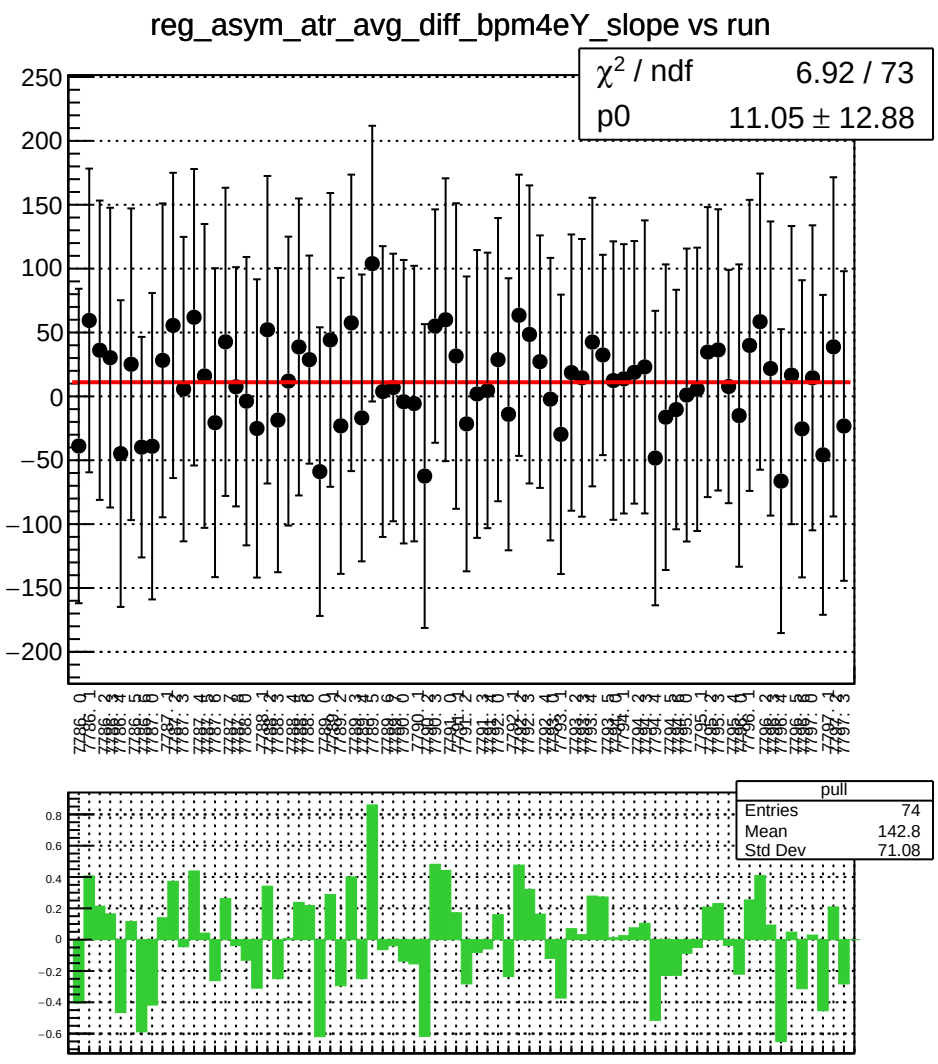

pull1D
Entries 74
Mean 0.002777
Std Dev 0.2637

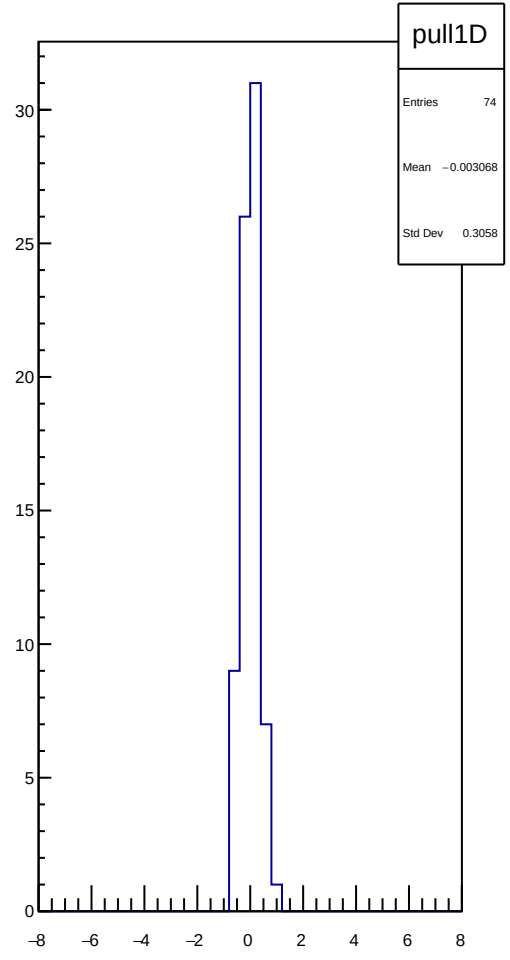

reg_asym_atr_avg_diff_bpm4aY_slope vs run
χ² / ndf 6.956 / 73
p0 54.59 ± 11.37
pull
Entries 74
Mean 139.7
Std Dev 54.63

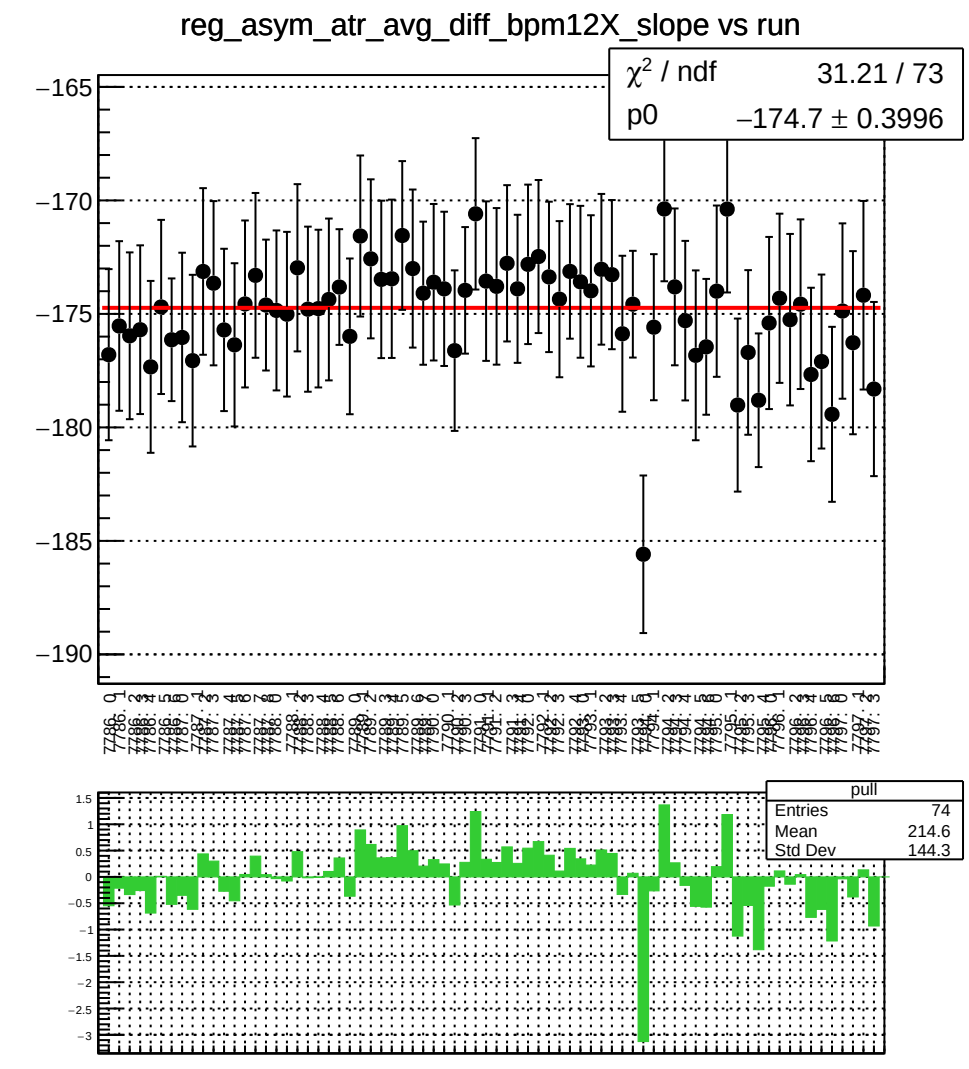

pull1D
Entries 74
Mean 0.002977
Std Dev 0.3066

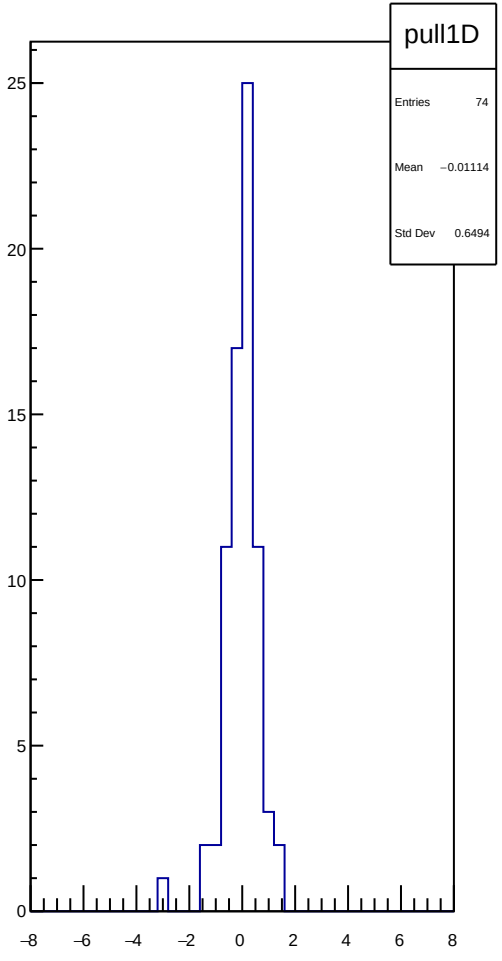

reg_asym_atr_avg_diff_bpm4eX_slope vs run
χ² / ndf 5.081 / 73
p0 162.6 ± 9.732
pull
Entries 74
Mean 395.4
Std Dev 360.7

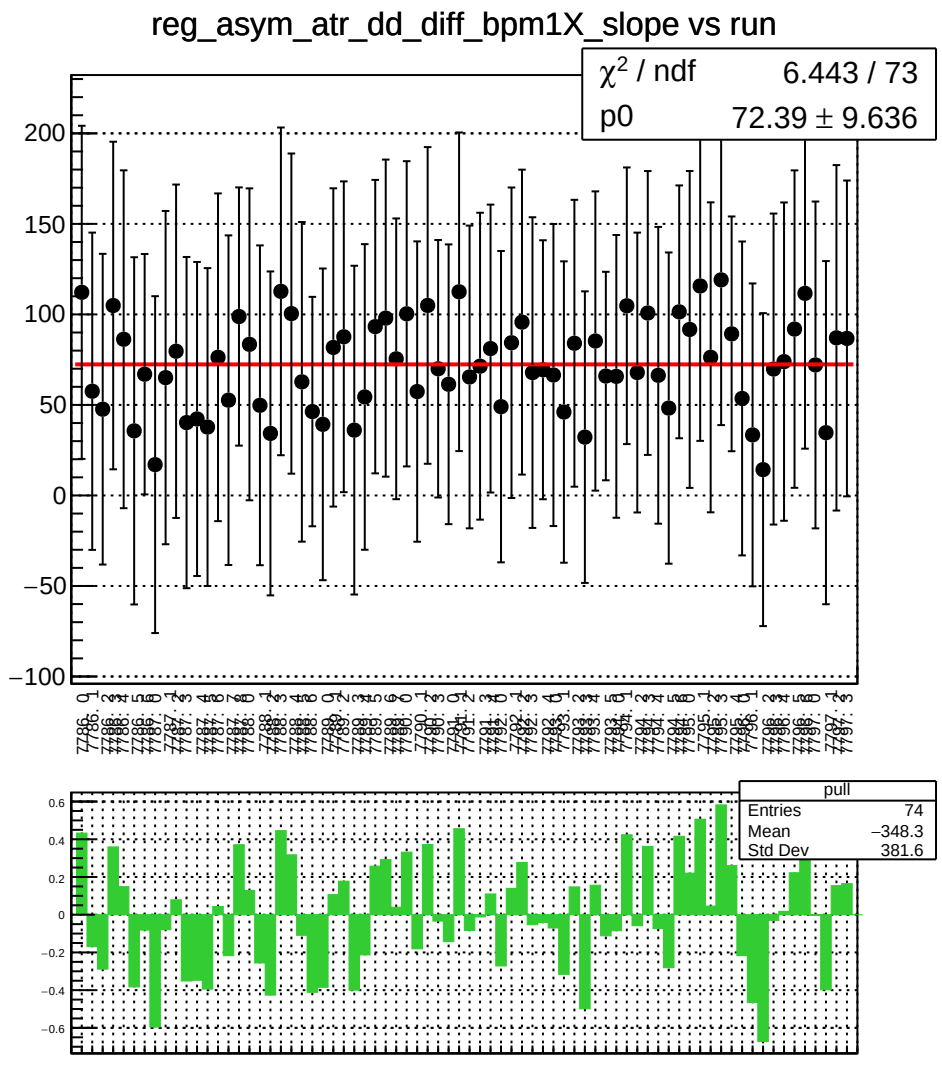

pull1D
Entries 74
Mean −0.002377
Std Dev 0.262

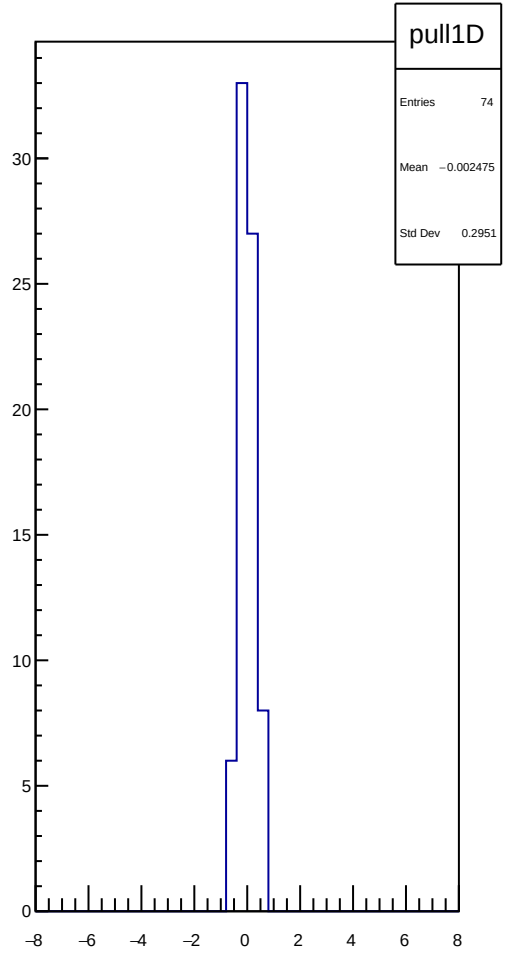

reg_asym_atr_avg_diff_bpm4eY_slope vs run
χ² / ndf 6.92 / 73
p0 11.05 ± 12.88
pull
Entries 74
Mean 142.8
Std Dev 71.08

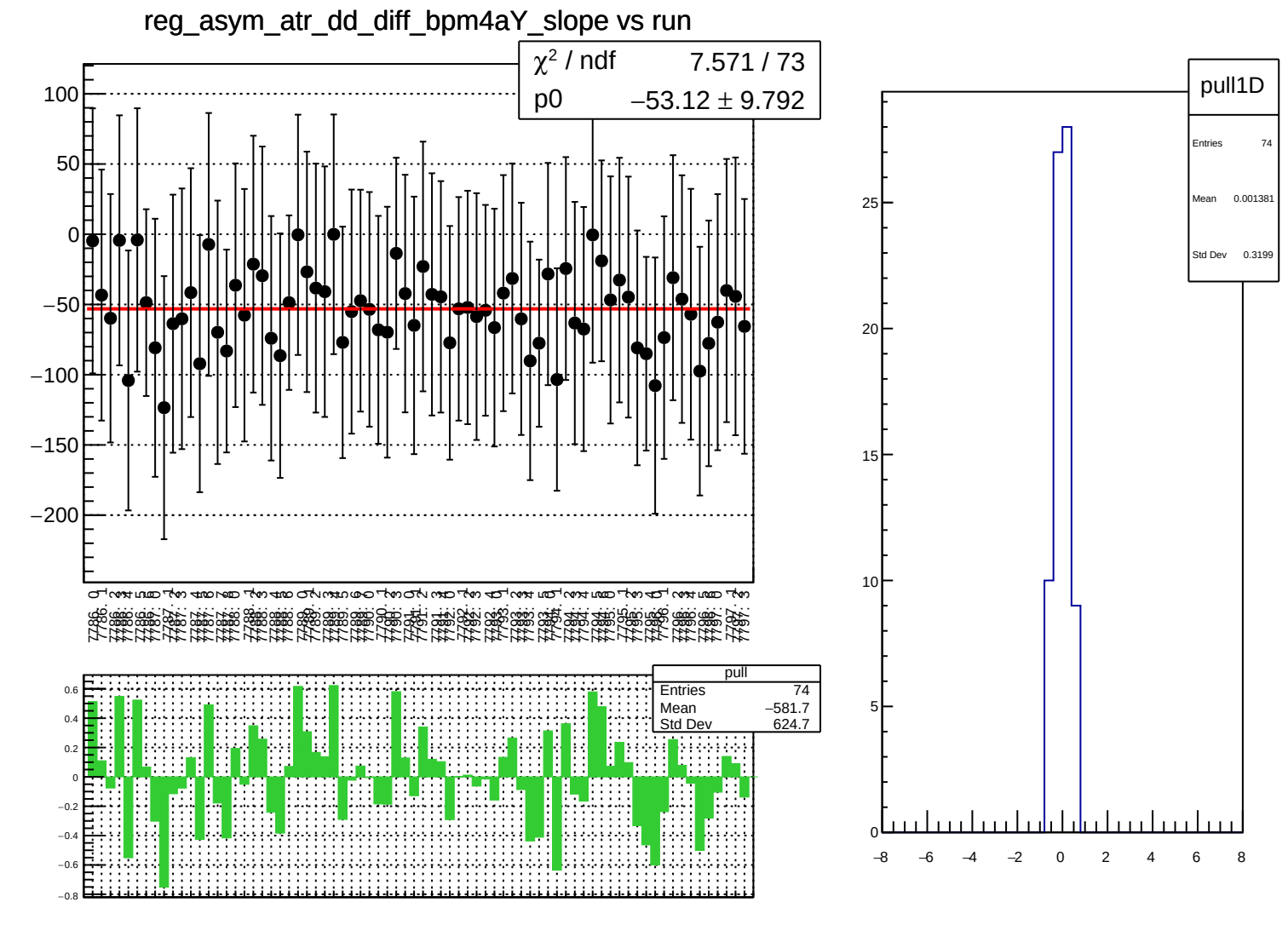

pull1D
Entries 74
Mean −0.003068
Std Dev 0.3058

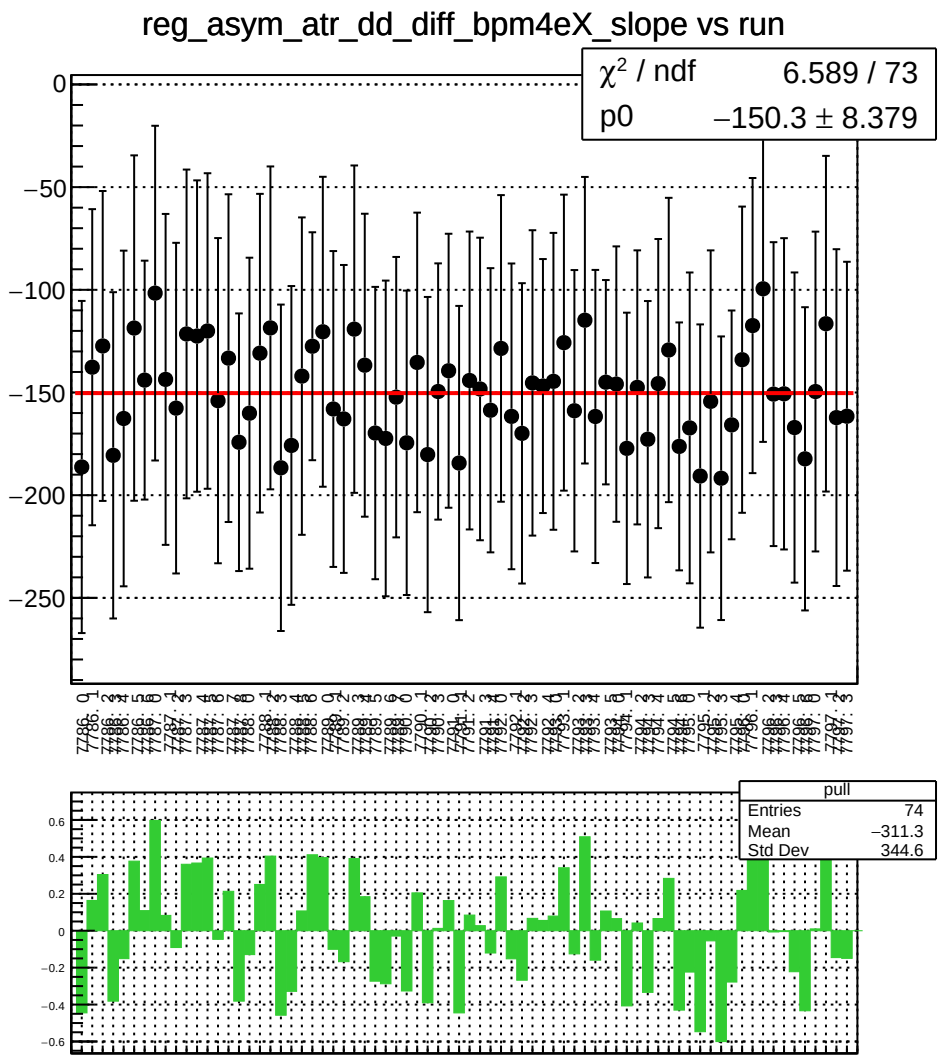

reg_asym_atr_avg_diff_bpm12X_slope vs run
χ² / ndf 31.21 / 73
p0 −174.7 ± 0.3996
pull
Entries 74
Mean 214.6
Std Dev 144.3

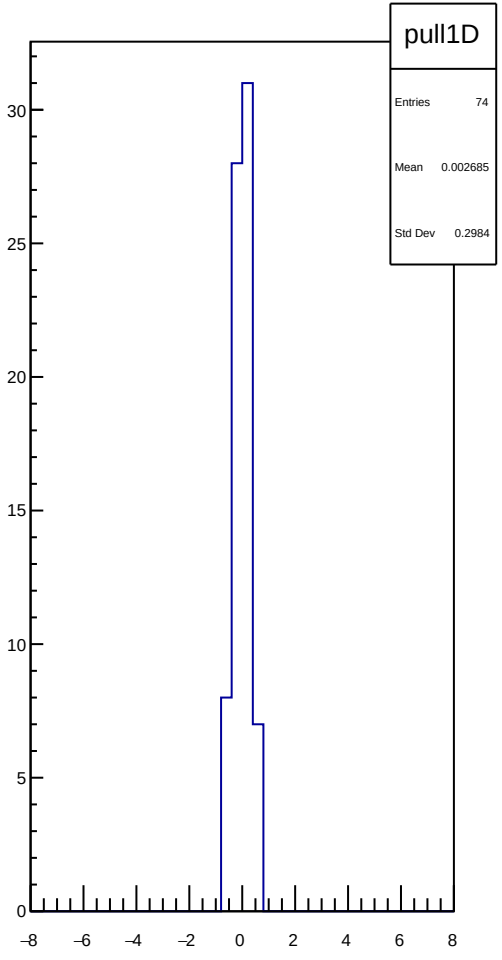

pull1D
Entries 74
Mean −0.01114
Std Dev 0.6494

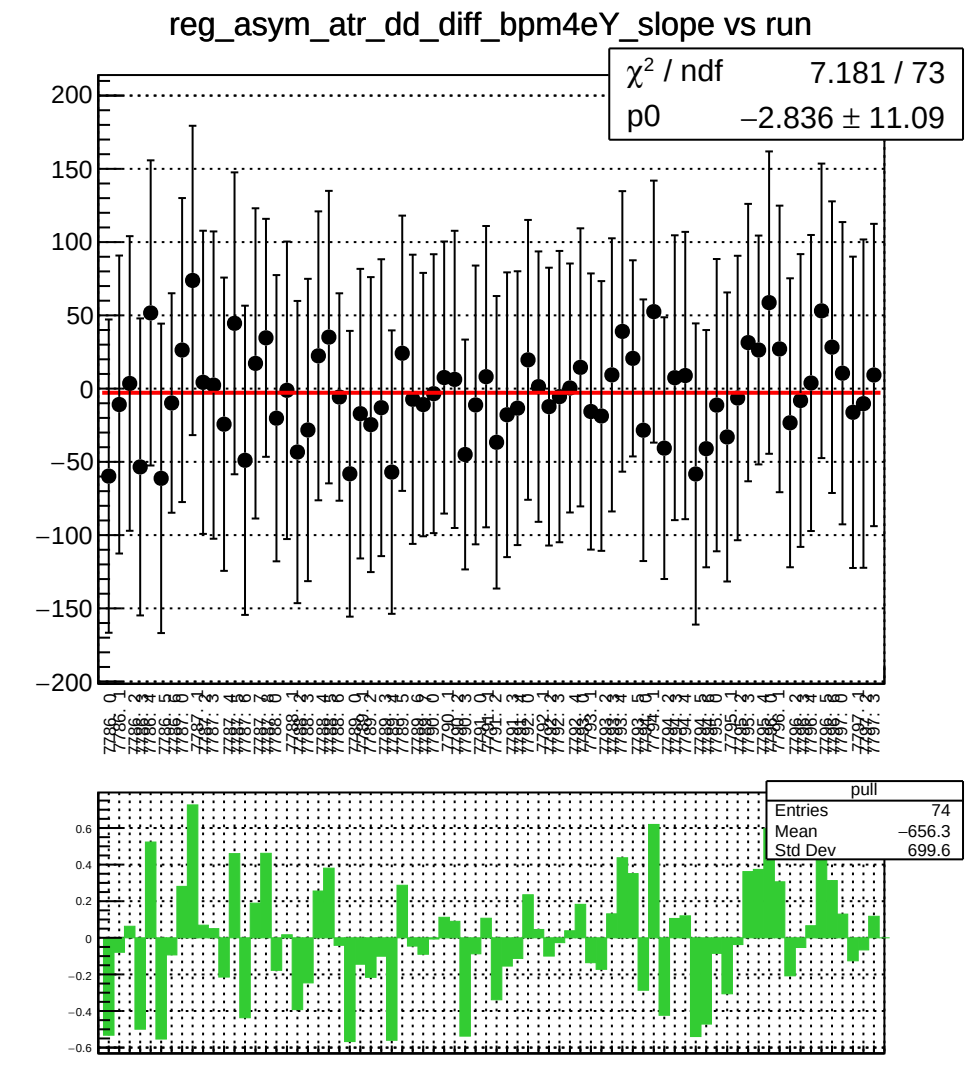

reg_asym_atr_dd_diff_bpm1X_slope vs run
χ² / ndf 6.443 / 73
p0 72.39 ± 9.636
200
150
100
50
0
−50
−100
pull
Entries 74
Mean −348.3
Std Dev 381.6
0.6
0.4
0.2
0
−0.2
−0.4
−0.6

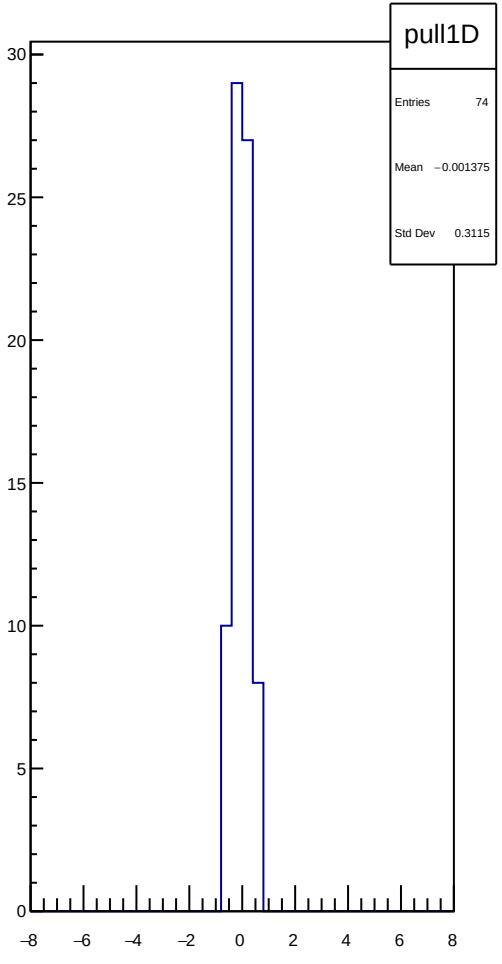

pull1D
Entries 74
Mean −0.002475
Std Dev 0.2951
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

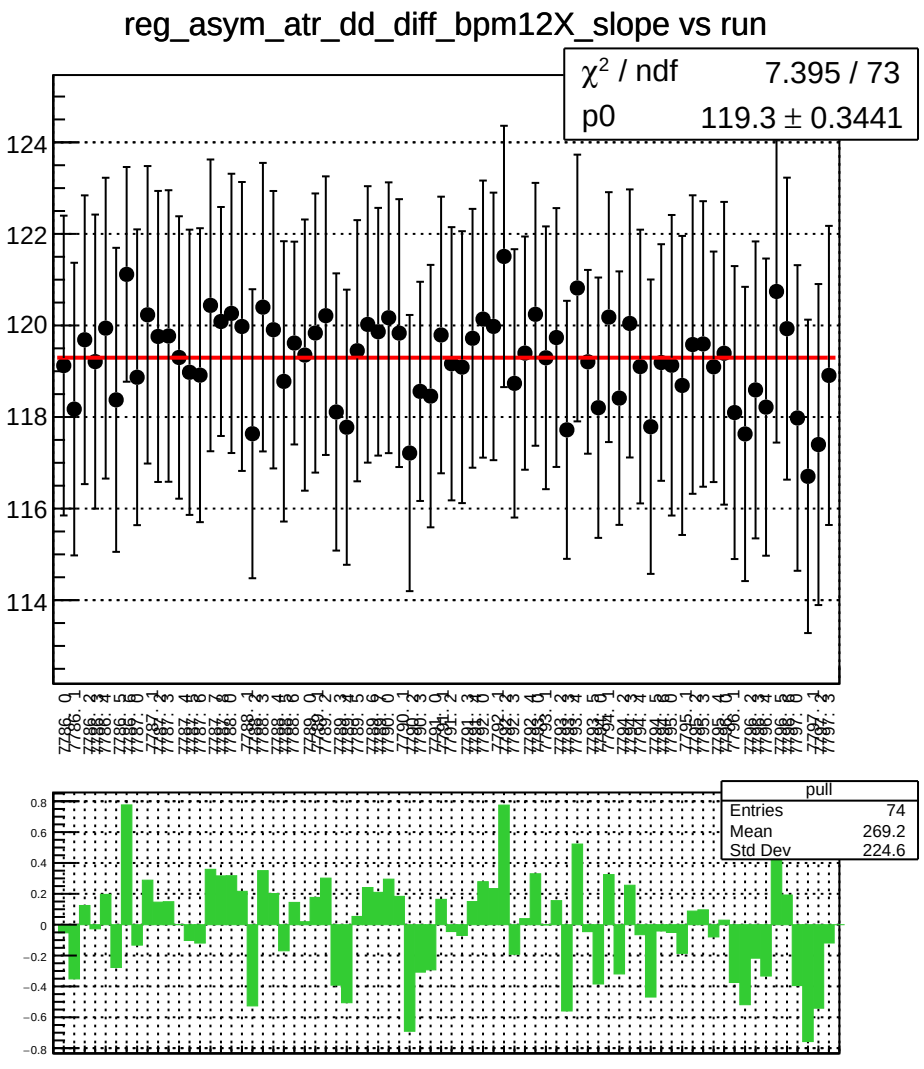

reg_asym_atr_dd_diff_bpm4aY_slope vs run
χ² / ndf 7.571 / 73
p0 −53.12 ± 9.792
pull
Entries 74
Mean −581.7
Std Dev 624.7
pull1D
Entries 74
Mean 0.001381
Std Dev 0.3199

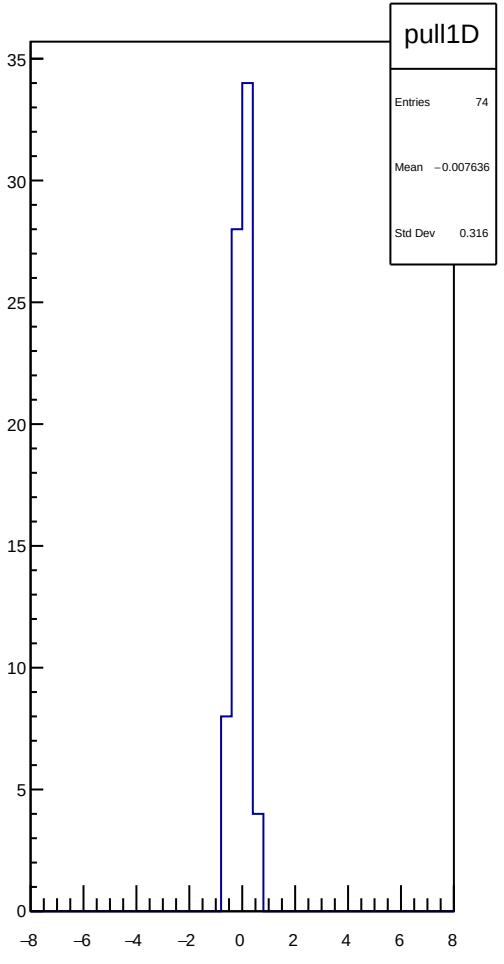

reg_asym_atr_dd_diff_bpm4eX_slope vs run
χ² / ndf 6.589 / 73
p0 −150.3 ± 8.379
pull
Entries 74
Mean −311.3
Std Dev 344.6

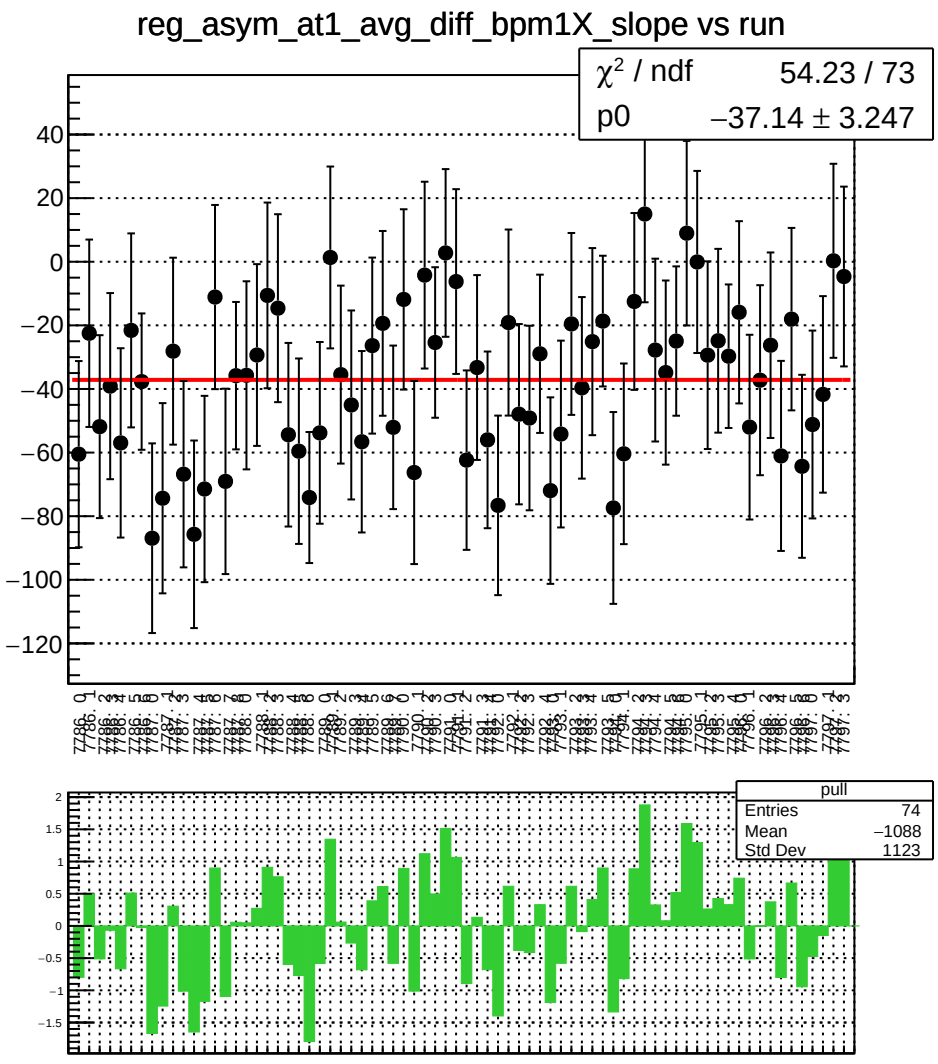

pull1D
Entries 74
Mean 0.002685
Std Dev 0.2984

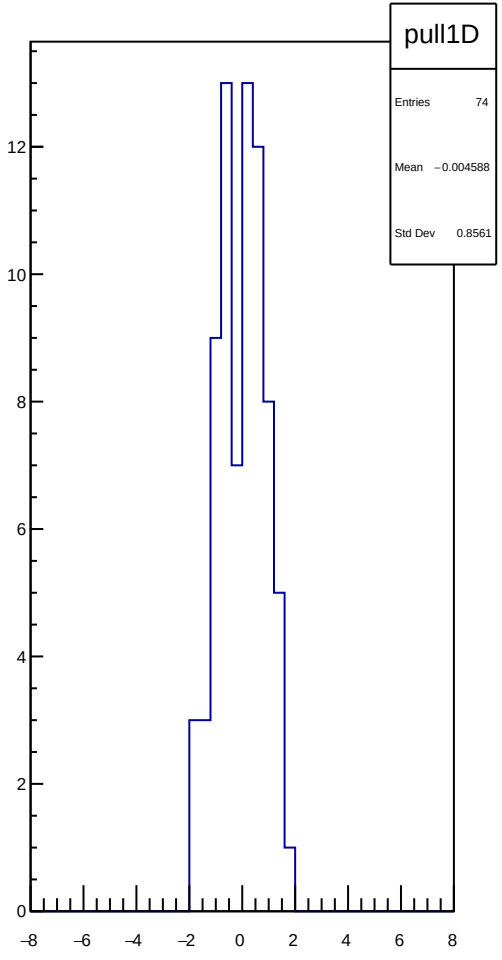

reg_asym_atr_dd_diff_bpm4eY_slope vs run
χ² / ndf 7.181 / 73
p0 −2.836 ± 11.09
pull
Entries 74
Mean −656.3
Std Dev 699.6

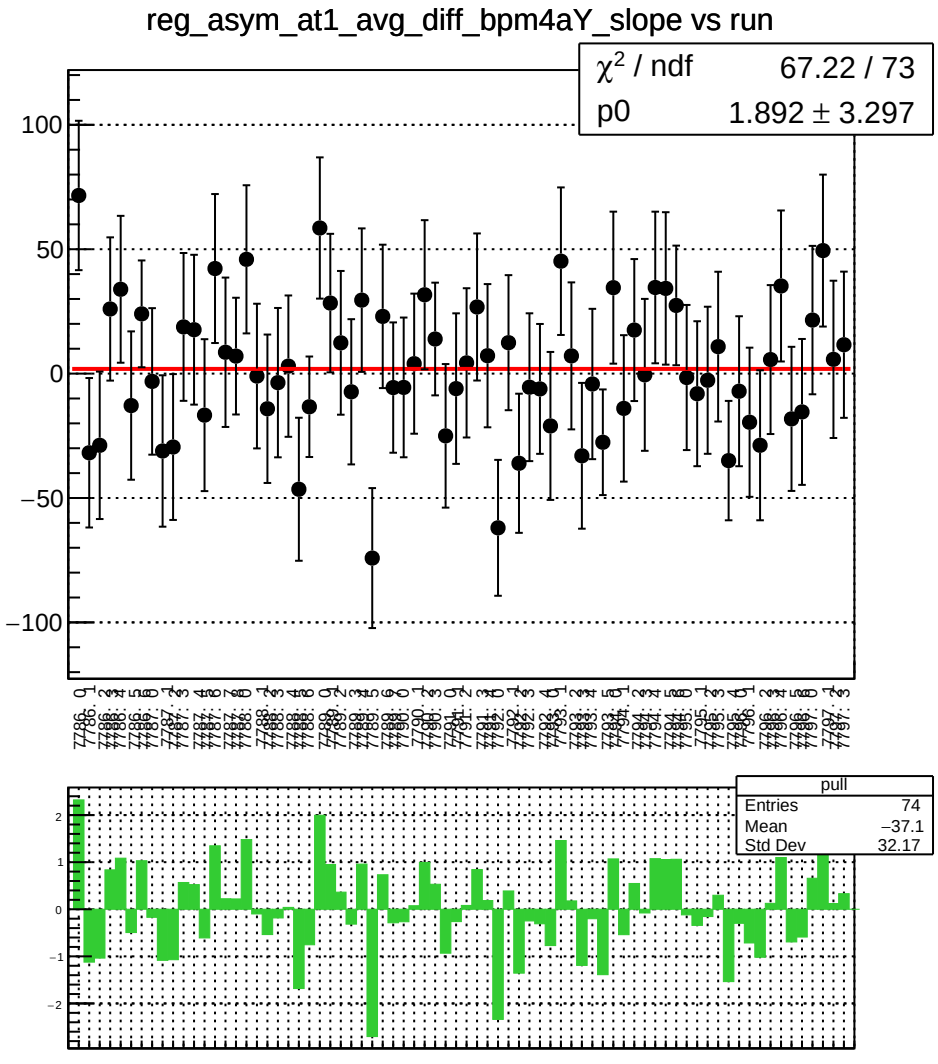

pull1D
Entries 74
Mean −0.001375
Std Dev 0.3115

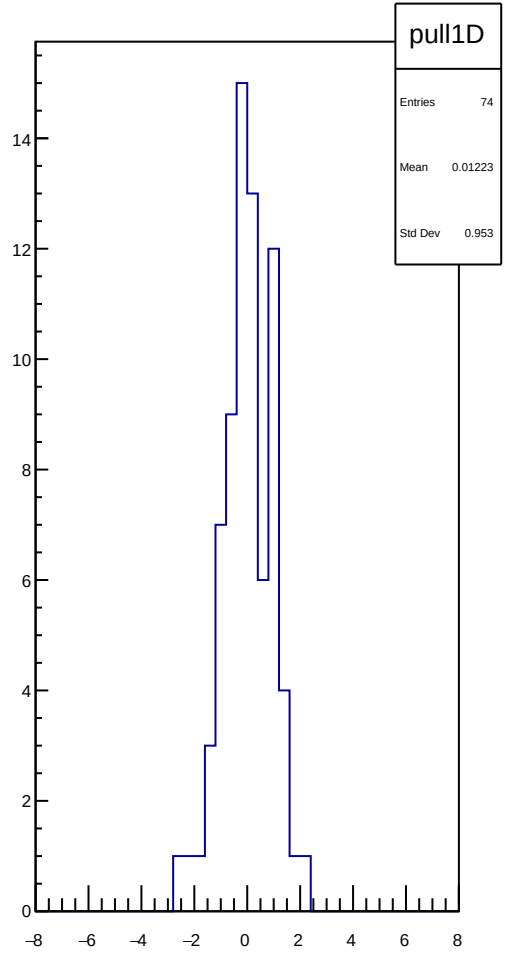

reg_asym_atr_dd_diff_bpm12X_slope vs run
χ² / ndf 7.395 / 73
p0 119.3 ± 0.3441
pull
Entries 74
Mean 269.2
Std Dev 224.6

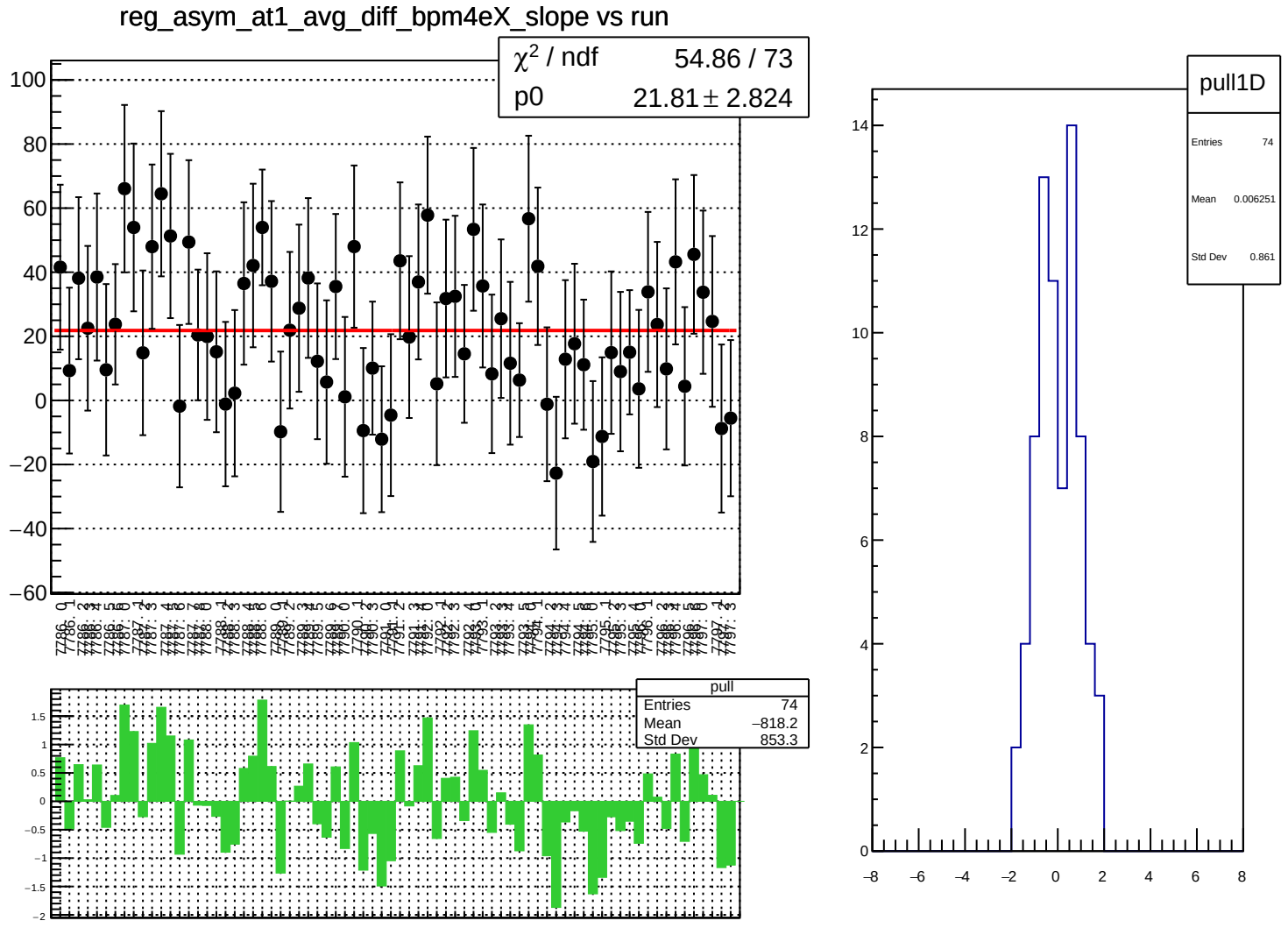

pull1D
Entries 74
Mean −0.007636
Std Dev 0.316

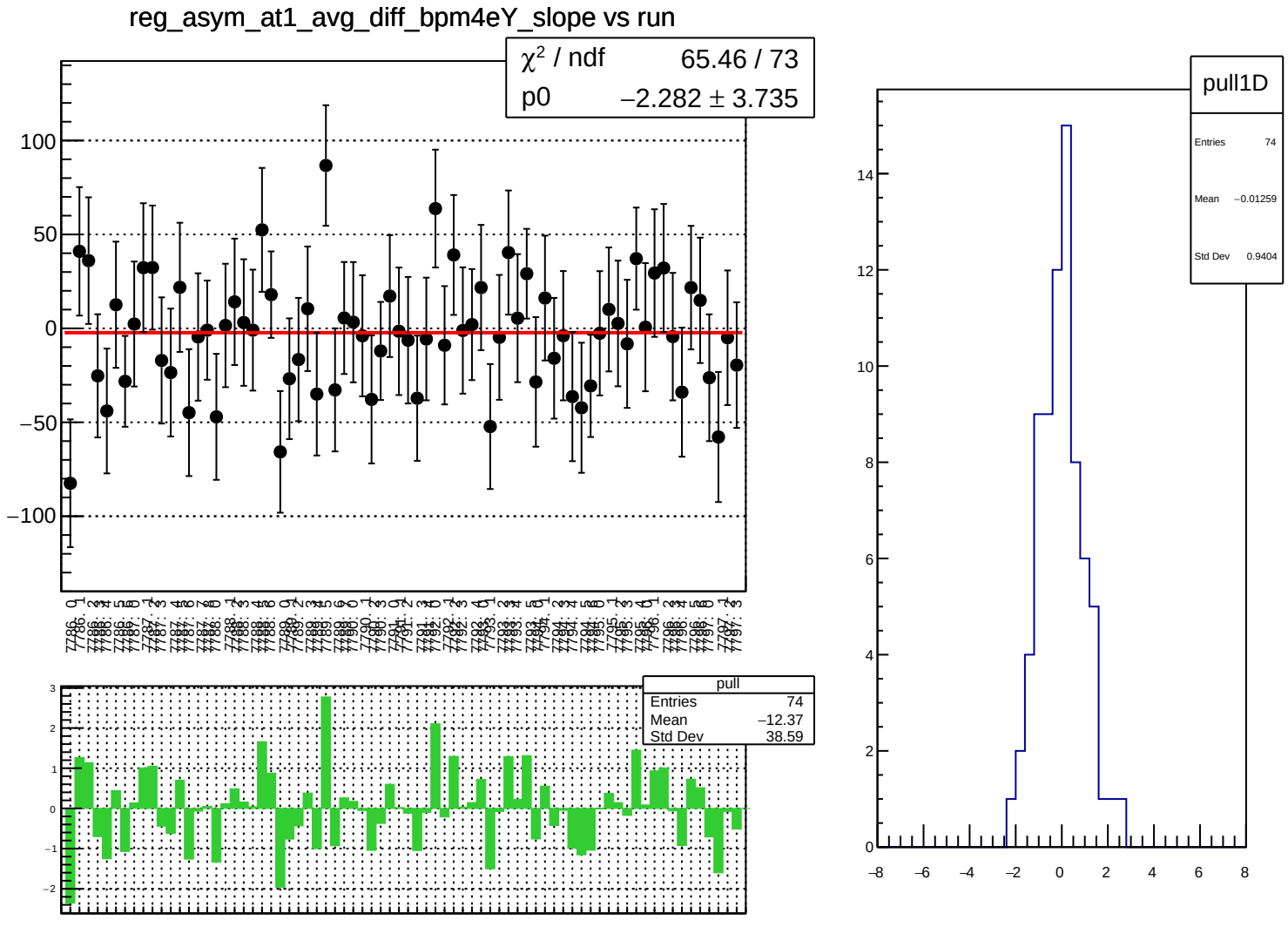

reg_asym_at1_avg_diff_bpm1X_slope vs run
χ² / ndf 54.23 / 73
p0 −37.14 ± 3.247
pull
Entries 74
Mean −1088
Std Dev 1123

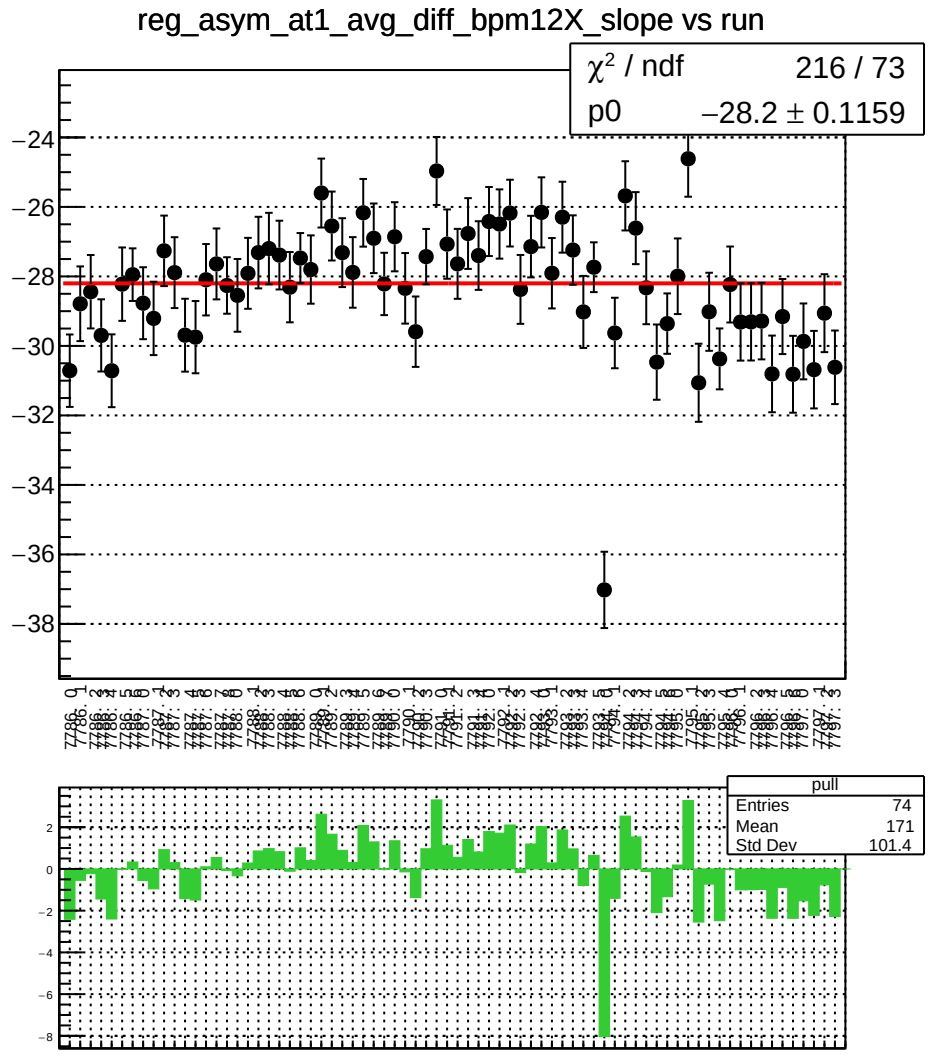

pull1D
Entries 74
Mean −0.004588
Std Dev 0.8561

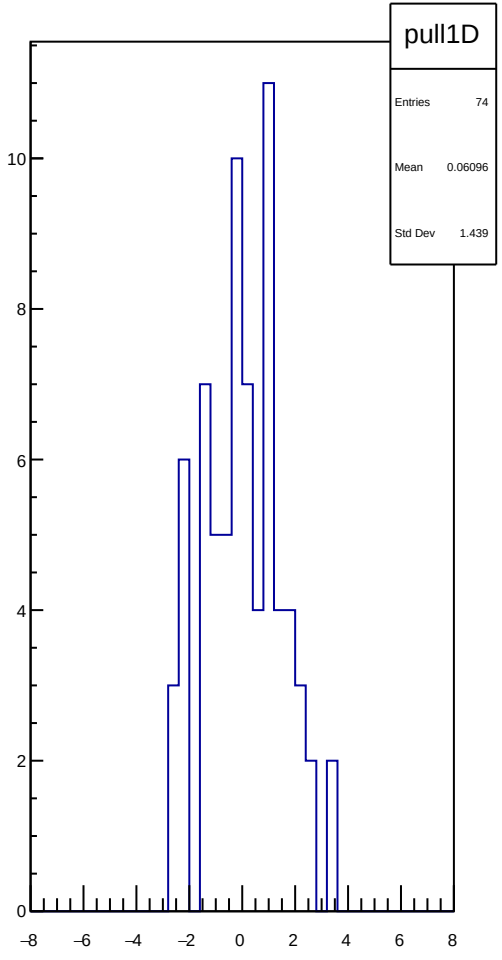

reg_asym_at1_avg_diff_bpm4aY_slope vs run
χ² / ndf 67.22 / 73
p0 1.892 ± 3.297
100
50
0
−50
−100
pull
Entries 74
Mean −37.1
Std Dev 32.17
2
1
0
−1
−2

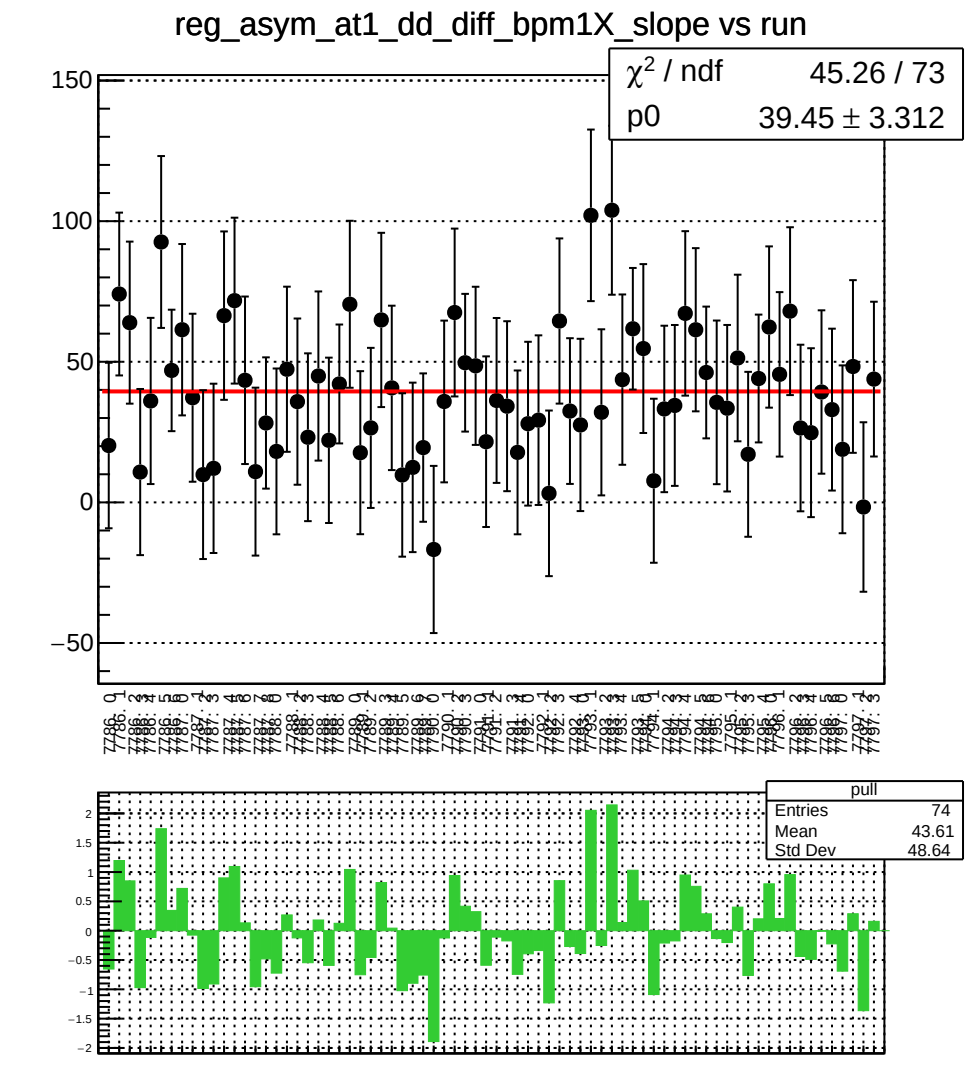

pull1D
Entries 74
Mean 0.01223
Std Dev 0.953
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

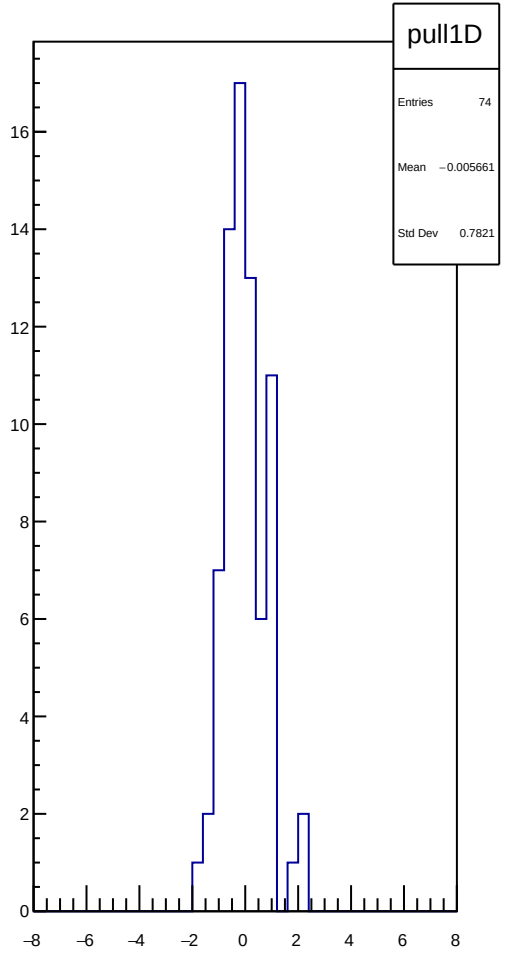

reg_asym_at1_avg_diff_bpm4eX_slope vs run
χ² / ndf 54.86 / 73
p0 21.81 ± 2.824
pull
Entries 74
Mean −818.2
Std Dev 853.3
pull1D
Entries 74
Mean 0.006251
Std Dev 0.861

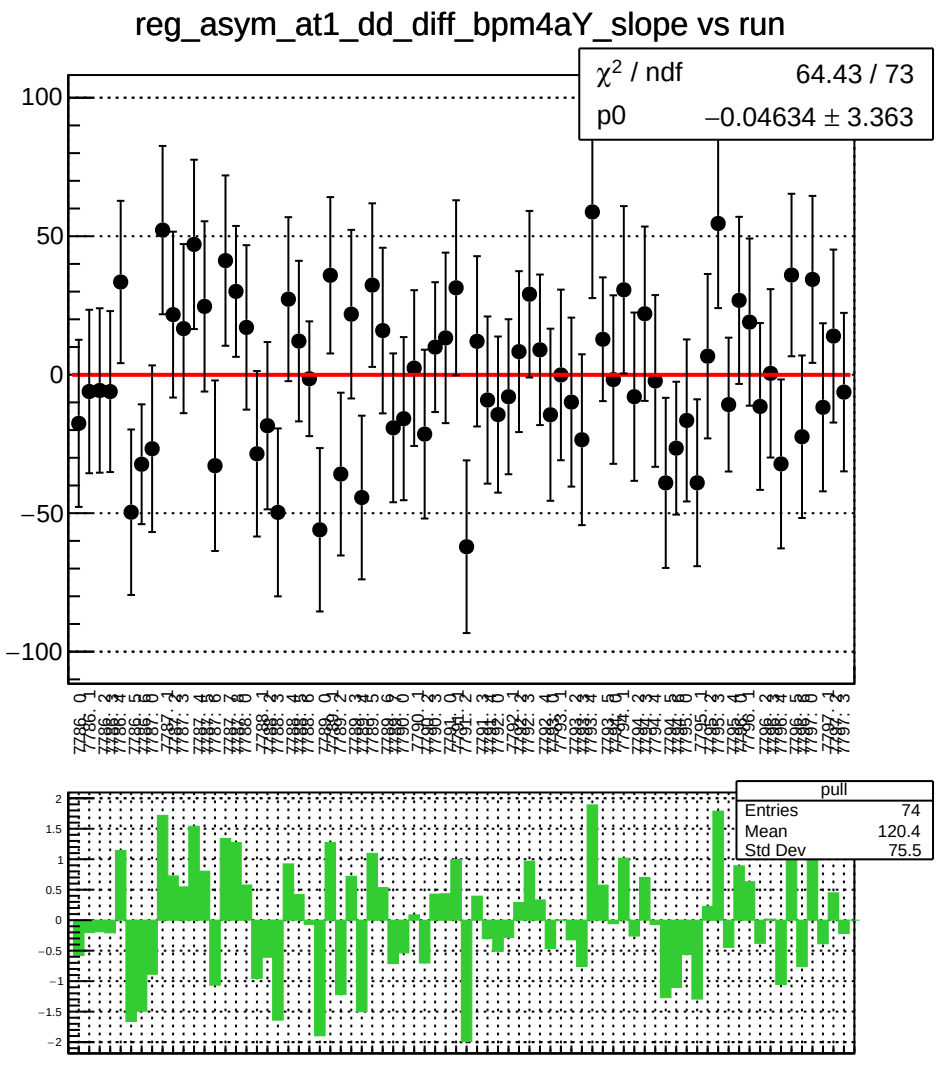

reg_asym_at1_avg_diff_bpm4eY_slope vs run
χ² / ndf 65.46 / 73
p0 −2.282 ± 3.735
pull
Entries 74
Mean −12.37
Std Dev 38.59
pull1D
Entries 74
Mean −0.01259
Std Dev 0.9404

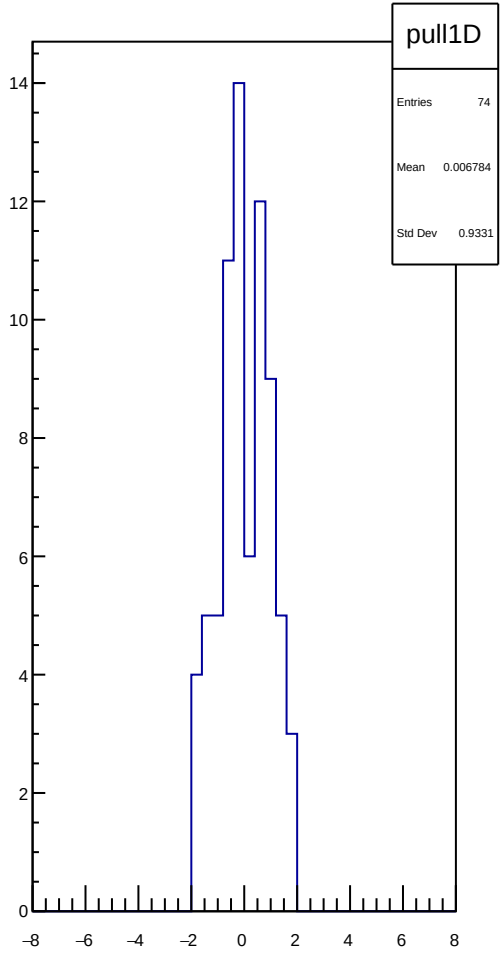

reg_asym_at1_avg_diff_bpm12X_slope vs run
χ² / ndf 216 / 73
p0 −28.2 ± 0.1159
pull
Entries 74
Mean 171
Std Dev 101.4

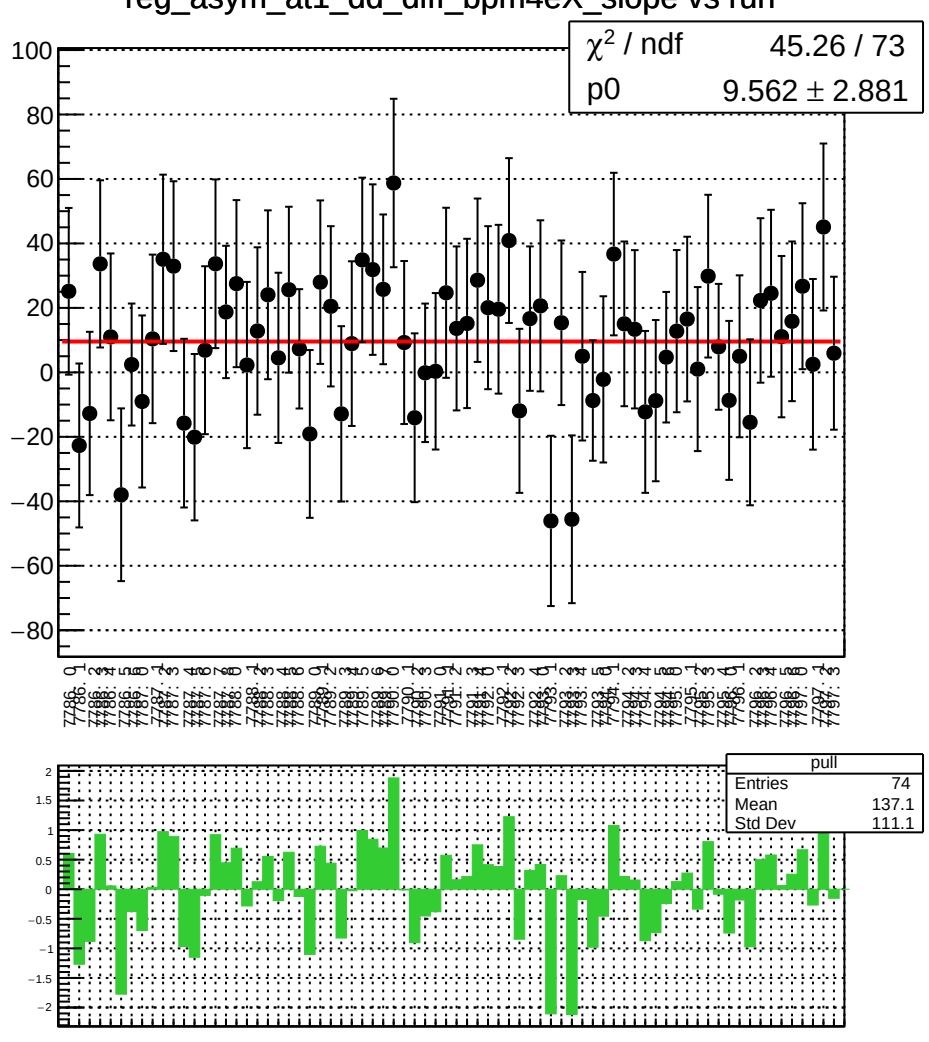

pull1D
Entries 74
Mean 0.06096
Std Dev 1.439

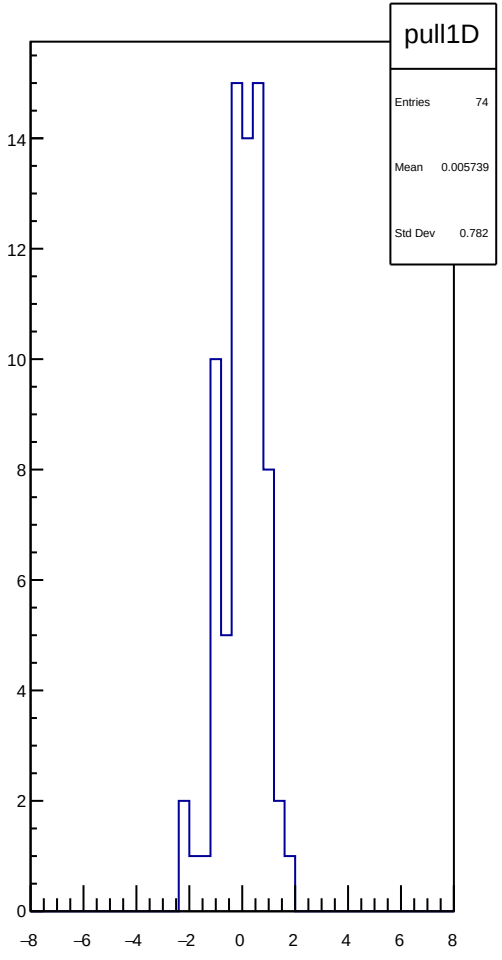

reg_asym_at1_dd_diff_bpm1X_slope vs run
χ² / ndf 45.26 / 73
p0 39.45 ± 3.312
150
100
50
0
−50
pull
Entries 74
Mean 43.61
Std Dev 48.64
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

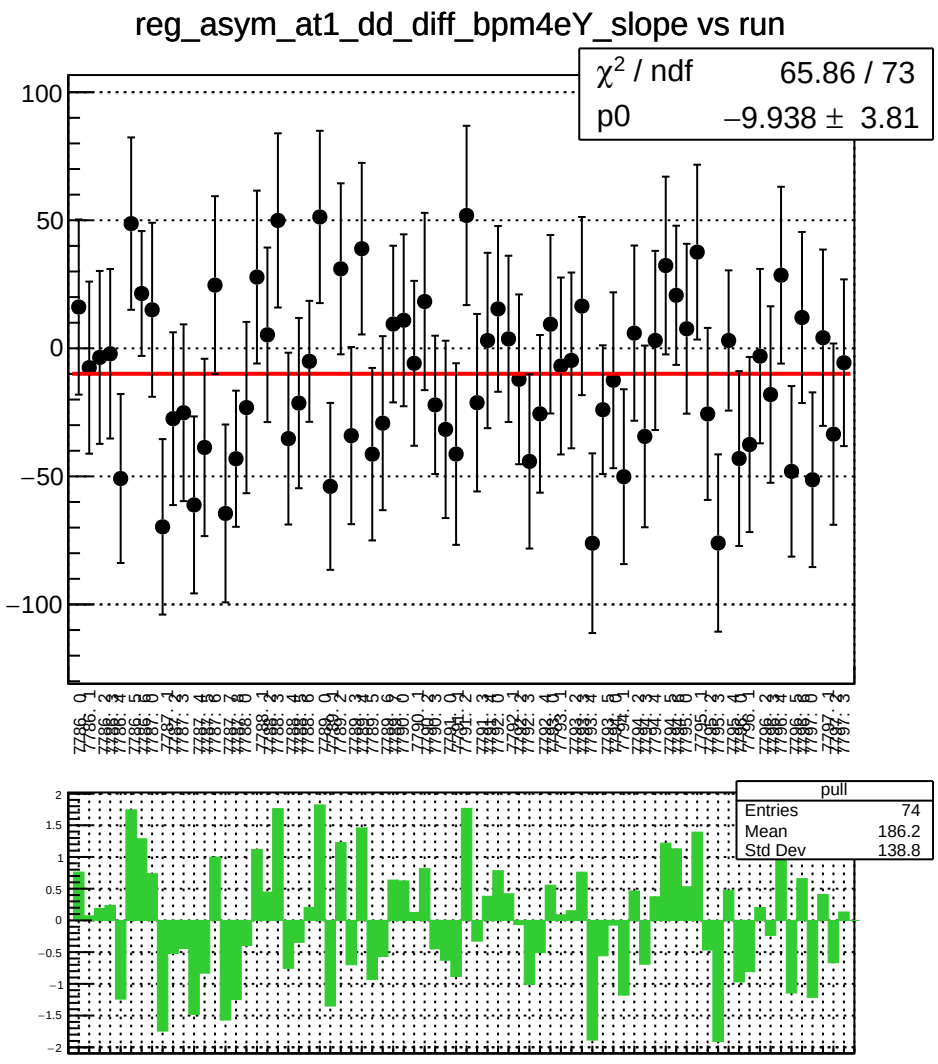

pull1D
Entries 74
Mean −0.005661
Std Dev 0.7821
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

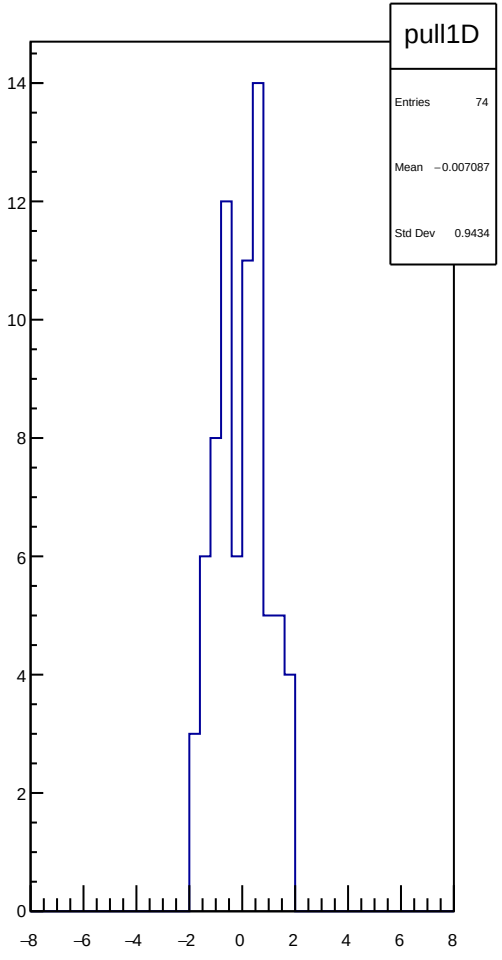

reg_asym_at1_dd_diff_bpm4aY_slope vs run
χ² / ndf 64.43 / 73
p0 −0.04634 ± 3.363
100
50
0
−50
−100
pull
Entries 74
Mean 120.4
Std Dev 75.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

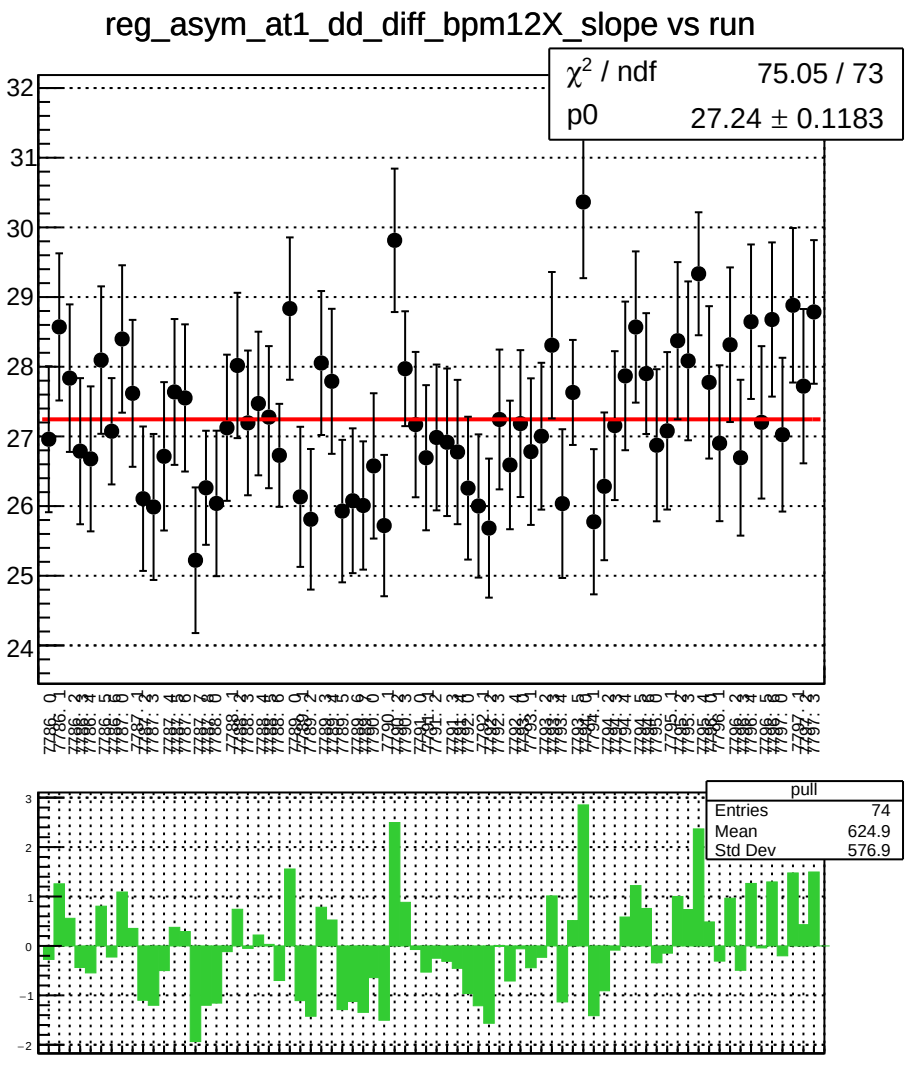

pull1D
Entries 74
Mean 0.006784
Std Dev 0.9331
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

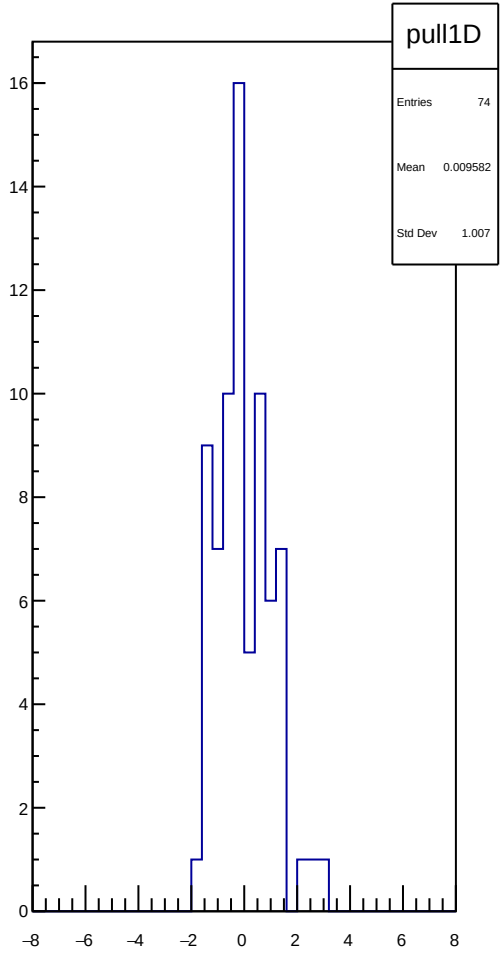

reg_asym_at1_dd_diff_bpm4eX_slope vs run
$\chi^2$ / ndf 45.26 / 73
p0 9.562 ± 2.881
pull
Entries 74
Mean 137.1
Std Dev 111.1

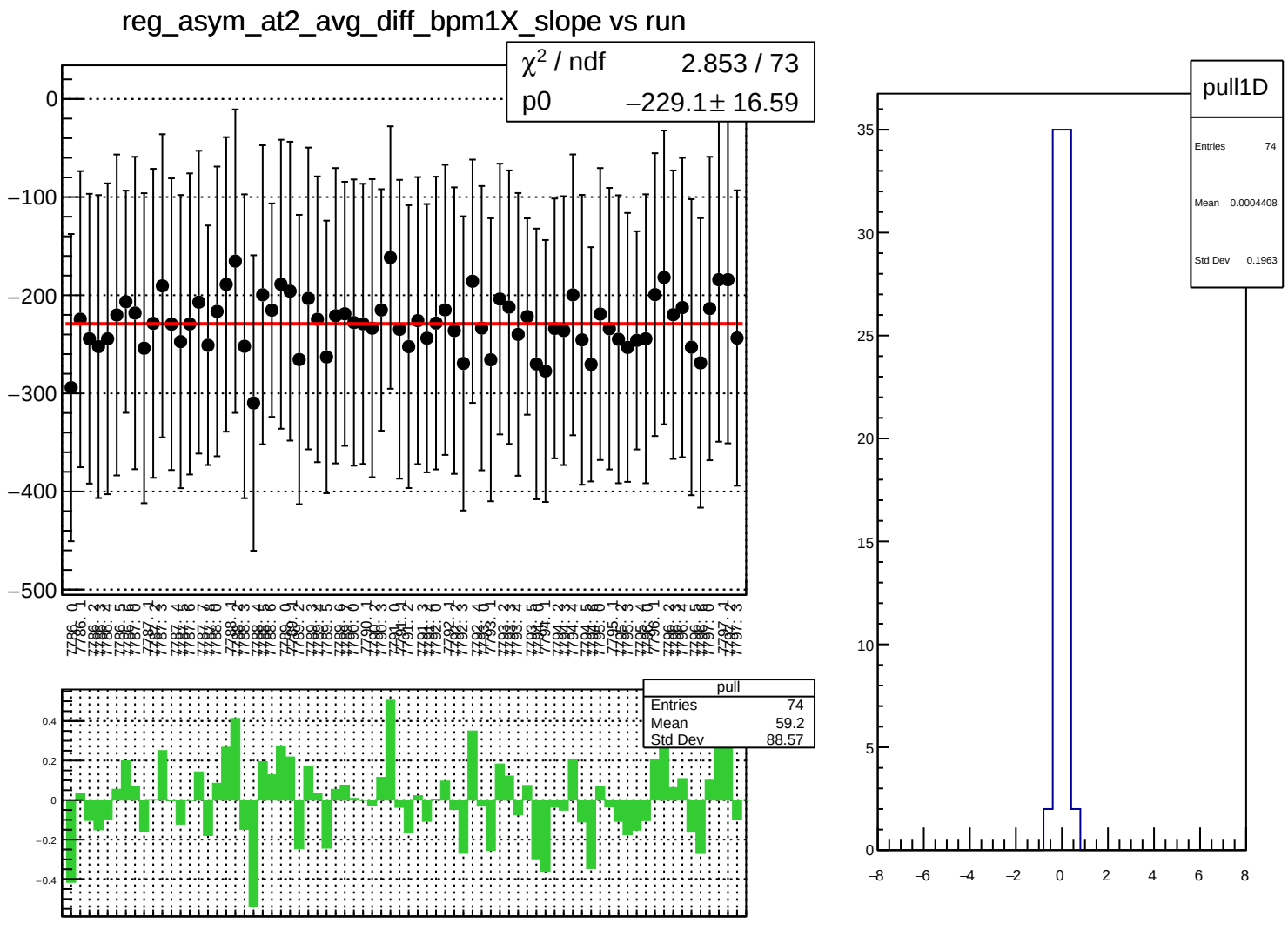

pull1D
Entries 74
Mean 0.005739
Std Dev 0.782

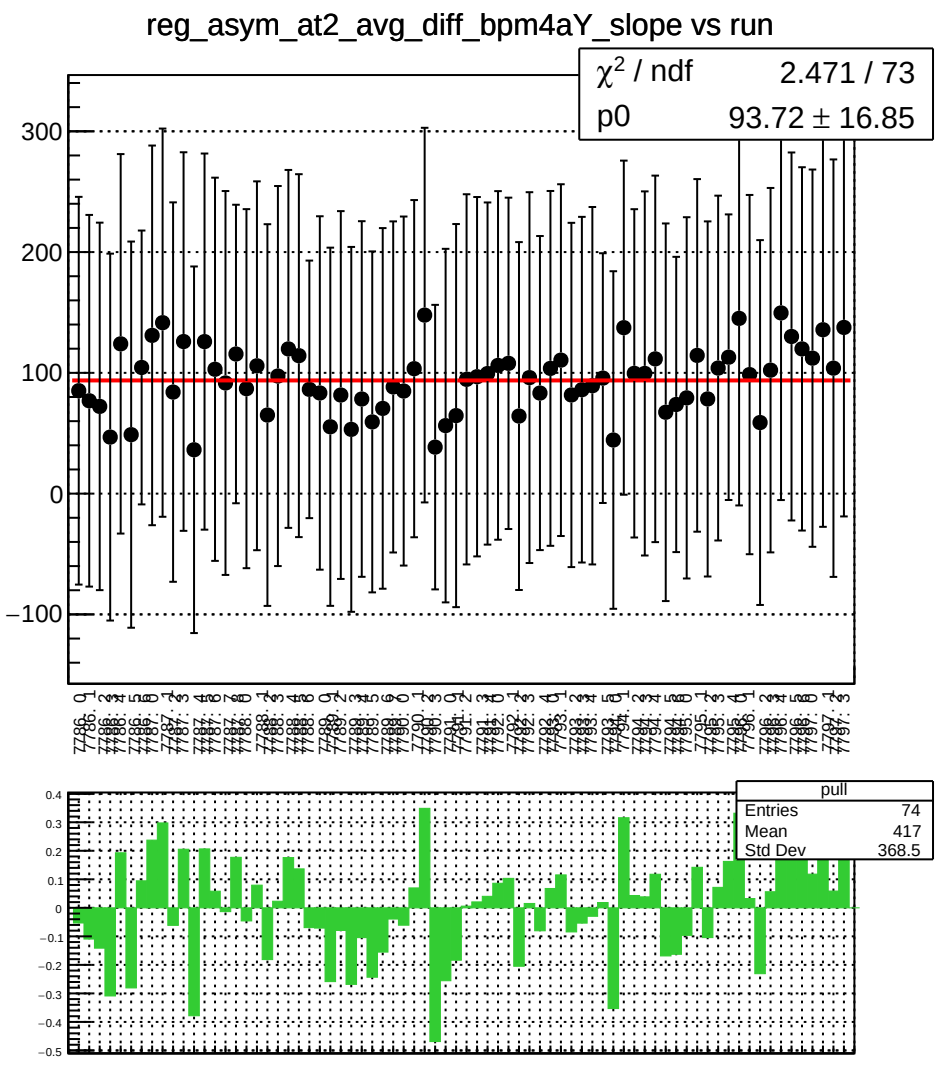

reg_asym_at1_dd_diff_bpm4eY_slope vs run
χ² / ndf 65.86 / 73
p0 −9.938 ± 3.81
pull
Entries 74
Mean 186.2
Std Dev 138.8

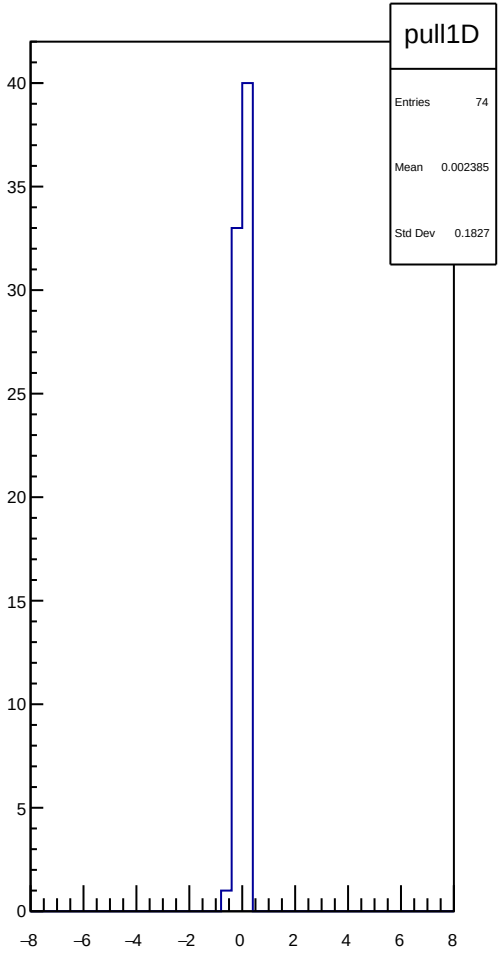

pull1D
Entries 74
Mean −0.007087
Std Dev 0.9434

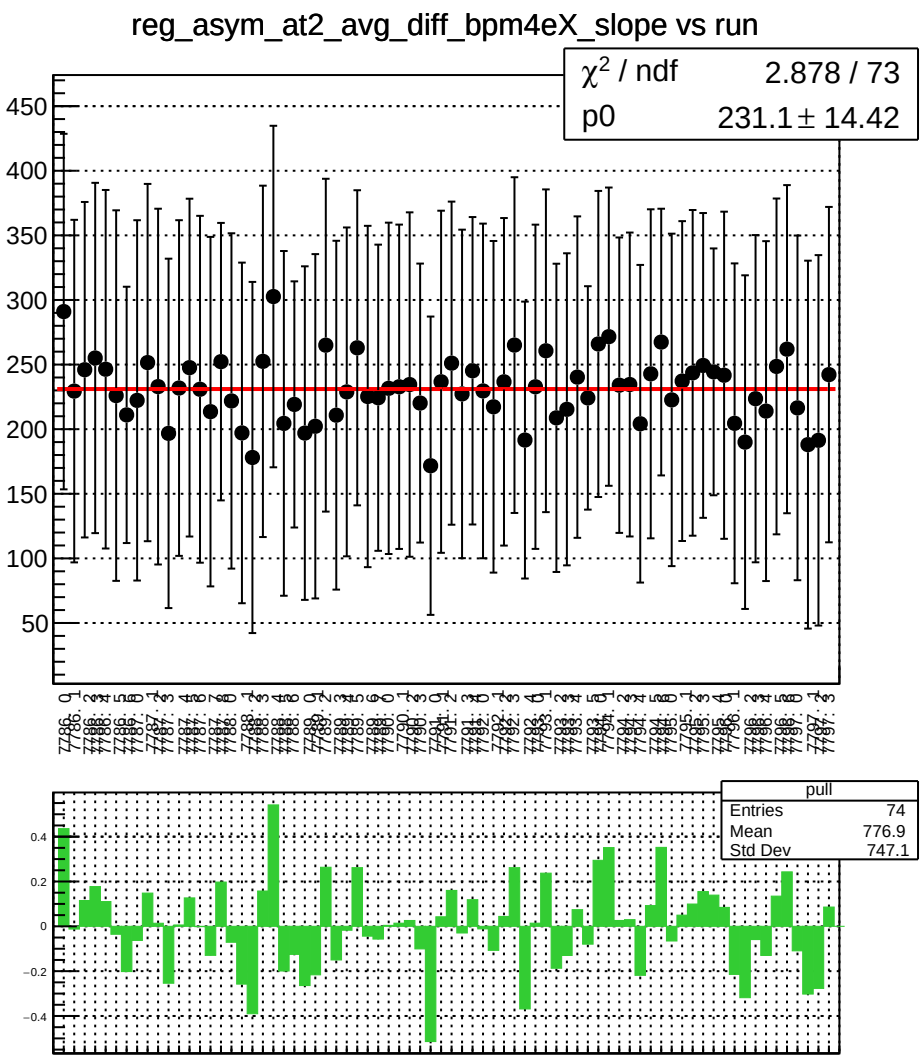

reg_asym_at1_dd_diff_bpm12X_slope vs run
χ² / ndf 75.05 / 73
p0 27.24 ± 0.1183
pull
Entries 74
Mean 624.9
Std Dev 576.9

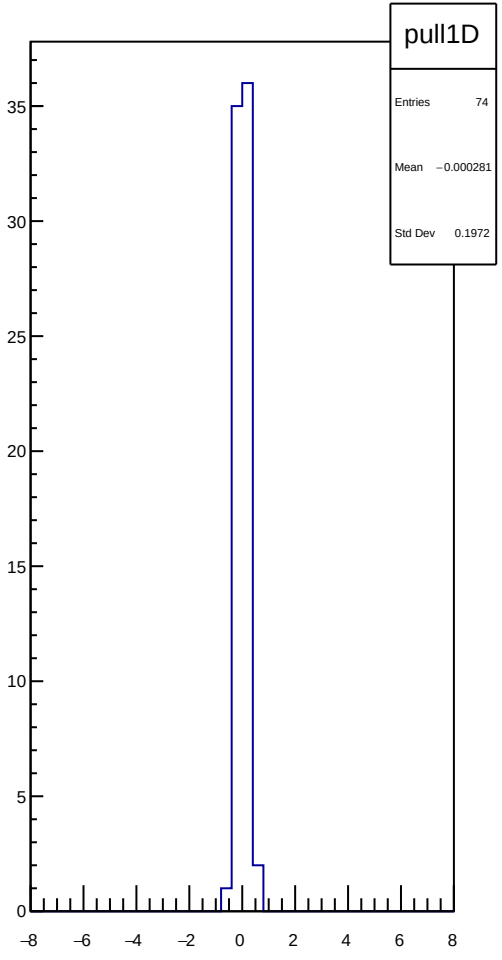

pull1D
Entries 74
Mean 0.009582
Std Dev 1.007

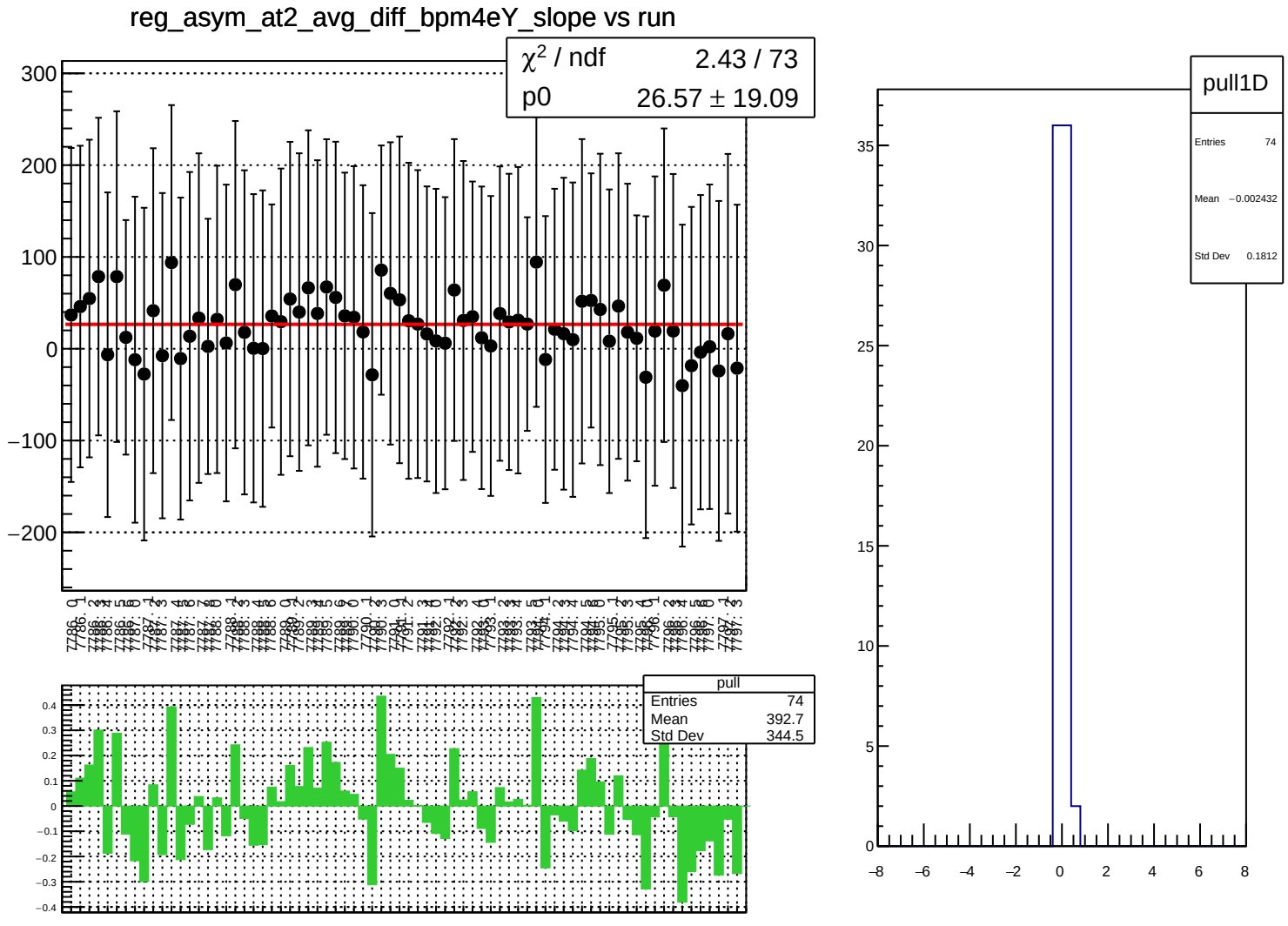

reg_asym_at2_avg_diff_bpm1X_slope vs run
χ² / ndf 2.853 / 73
p0 −229.1± 16.59
pull
Entries 74
Mean 59.2
Std Dev 88.57
pull1D
Entries 74
Mean 0.0004408
Std Dev 0.1963

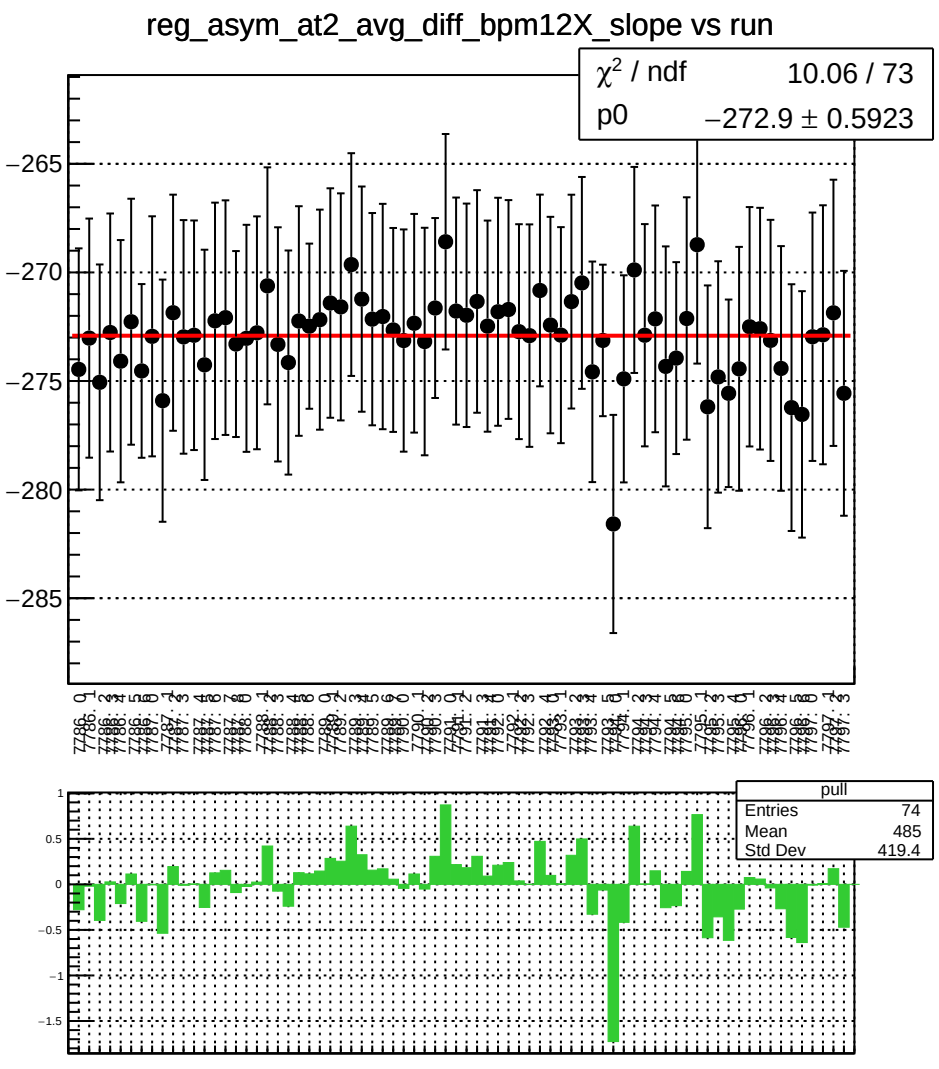

reg_asym_at2_avg_diff_bpm4aY_slope vs run
χ² / ndf 2.471 / 73
p0 93.72 ± 16.85
pull
Entries 74
Mean 417
Std Dev 368.5

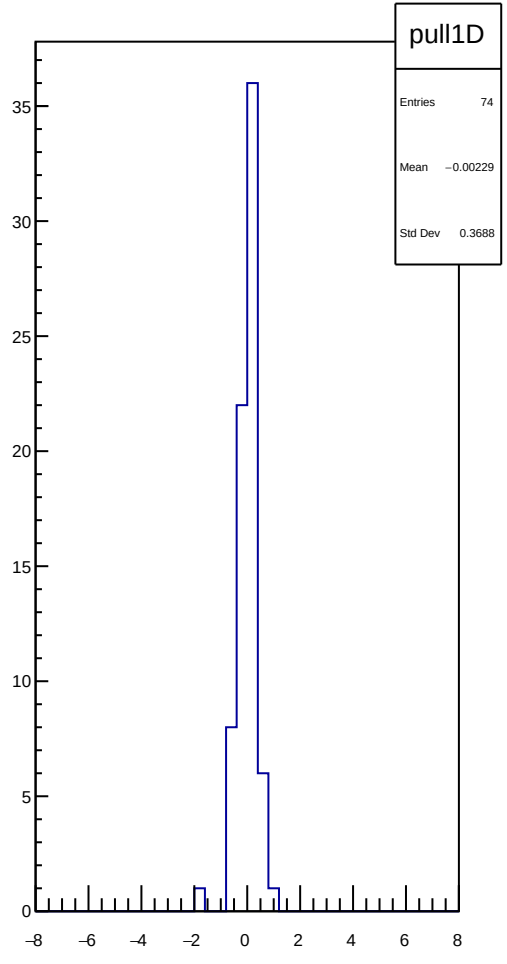

pull1D
Entries 74
Mean 0.002385
Std Dev 0.1827

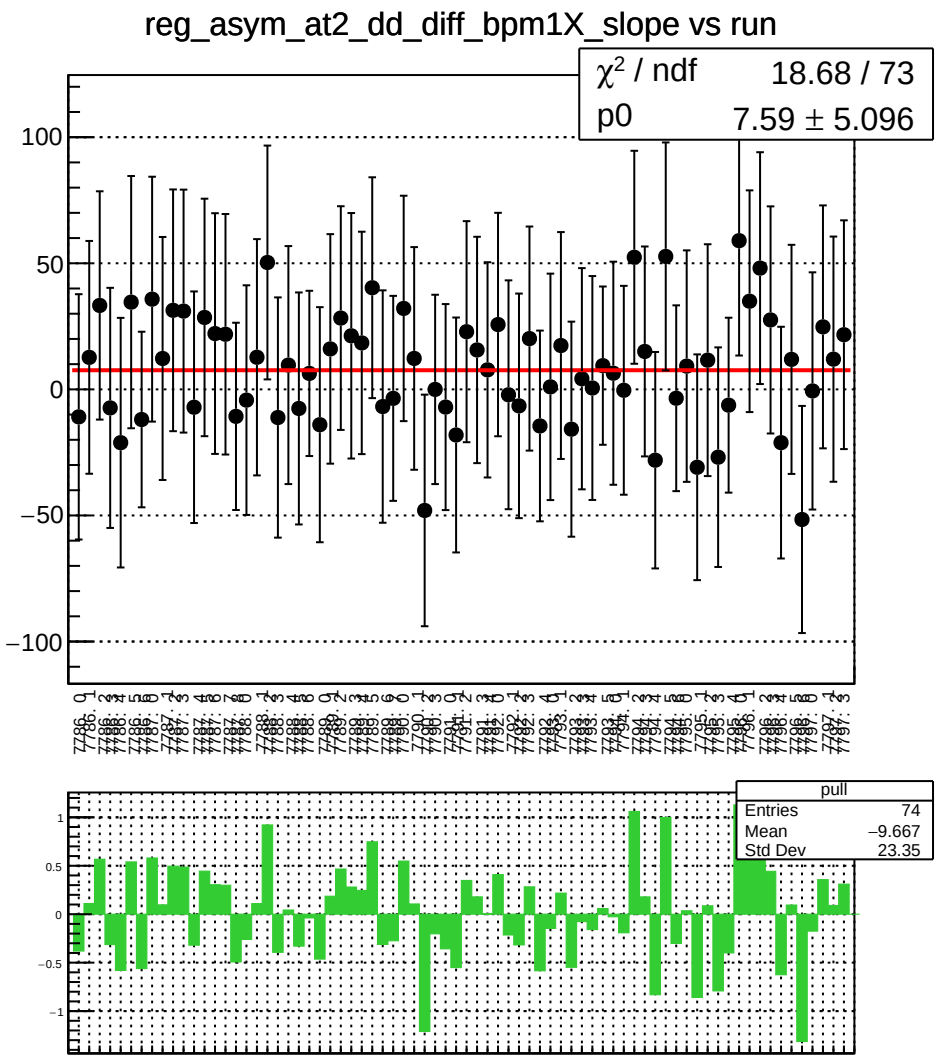

reg_asym_at2_avg_diff_bpm4eX_slope vs run
χ² / ndf 2.878 / 73
p0 231.1 ± 14.42
pull
Entries 74
Mean 776.9
Std Dev 747.1

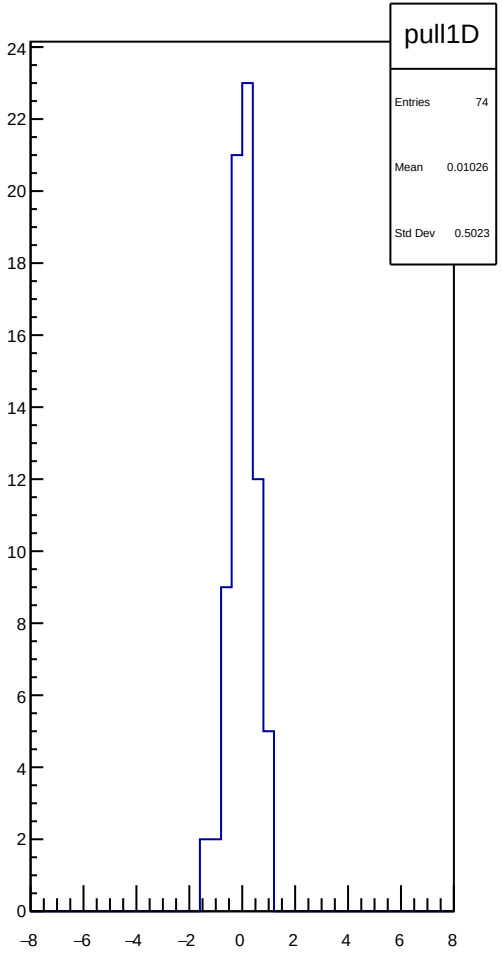

pull1D
Entries 74
Mean −0.000281
Std Dev 0.1972

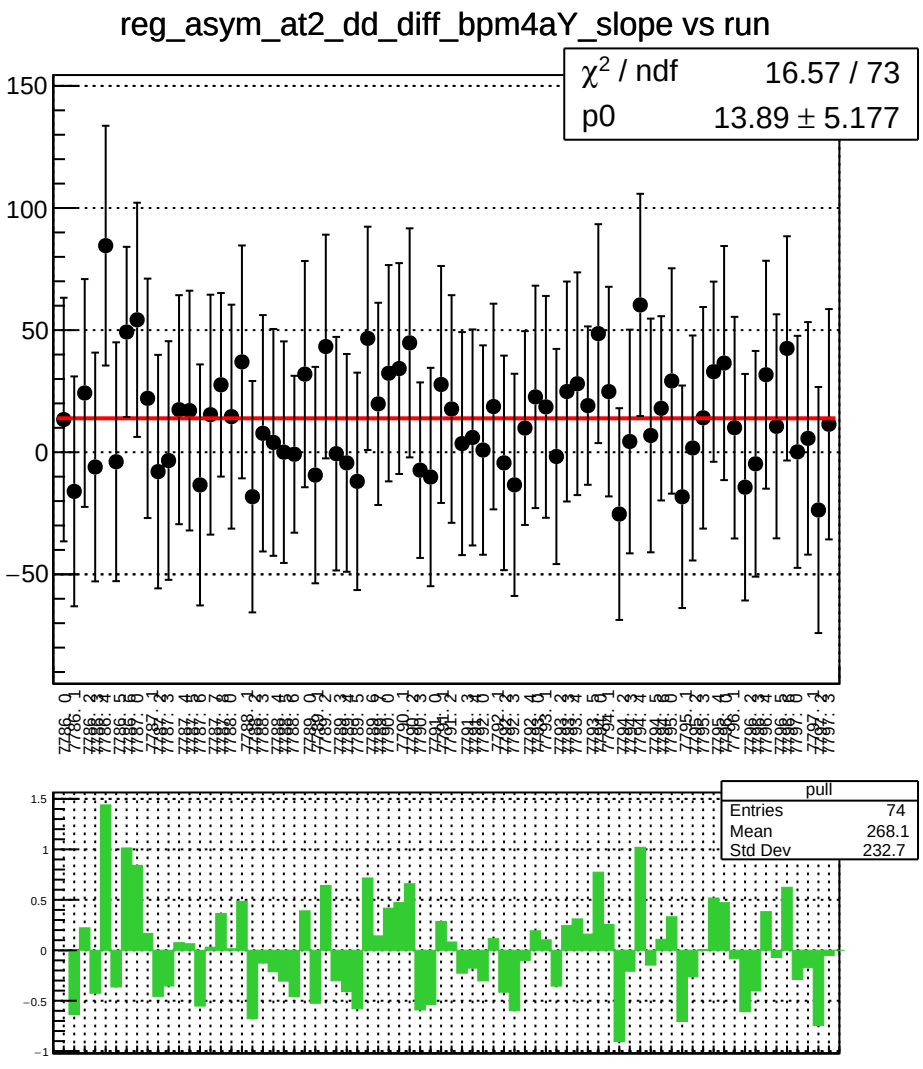

reg_asym_at2_avg_diff_bpm4eY_slope vs run
χ² / ndf 2.43 / 73
p0 26.57 ± 19.09
pull
Entries 74
Mean 392.7
Std Dev 344.5
pull1D
Entries 74
Mean −0.002432
Std Dev 0.1812

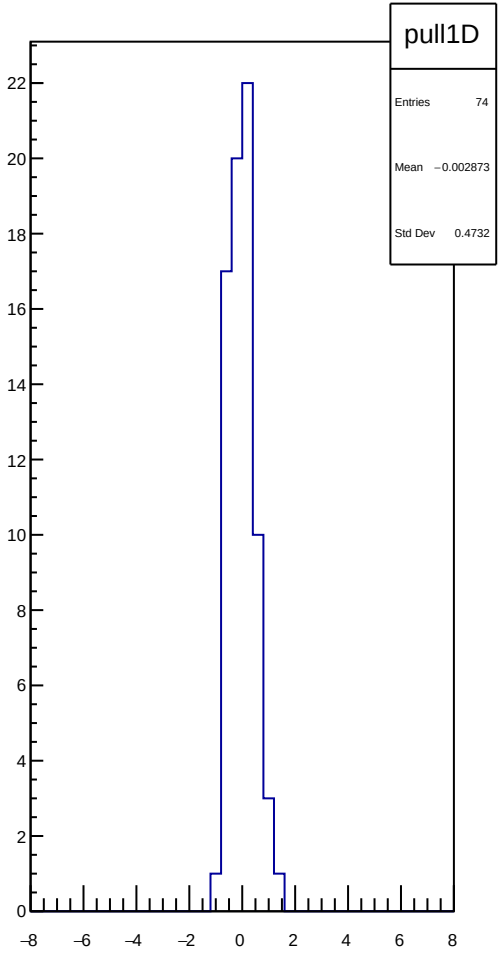

reg_asym_at2_avg_diff_bpm12X_slope vs run
χ² / ndf 10.06 / 73
p0 −272.9 ± 0.5923
−265
−270
−275
−280
−285
pull
Entries 74
Mean 485
Std Dev 419.4
1
0.5
0
−0.5
−1
−1.5

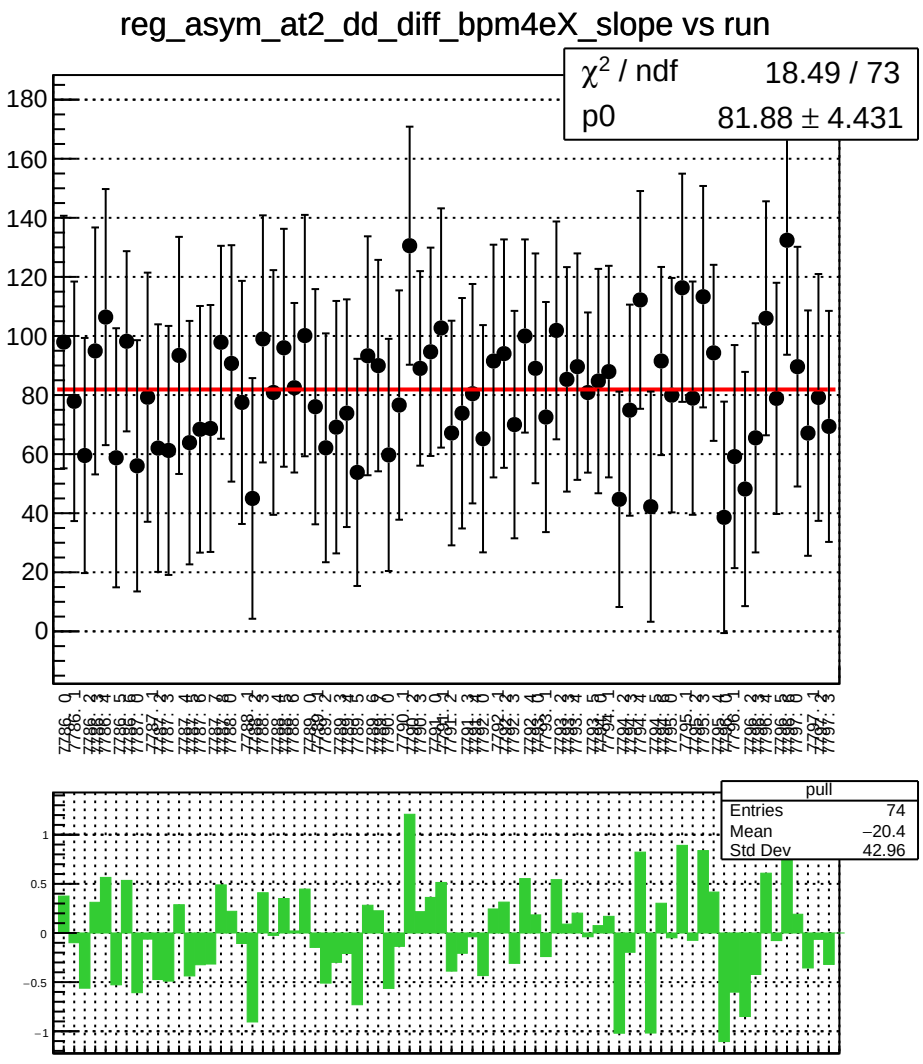

pull1D
Entries 74
Mean −0.00229
Std Dev 0.3688
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

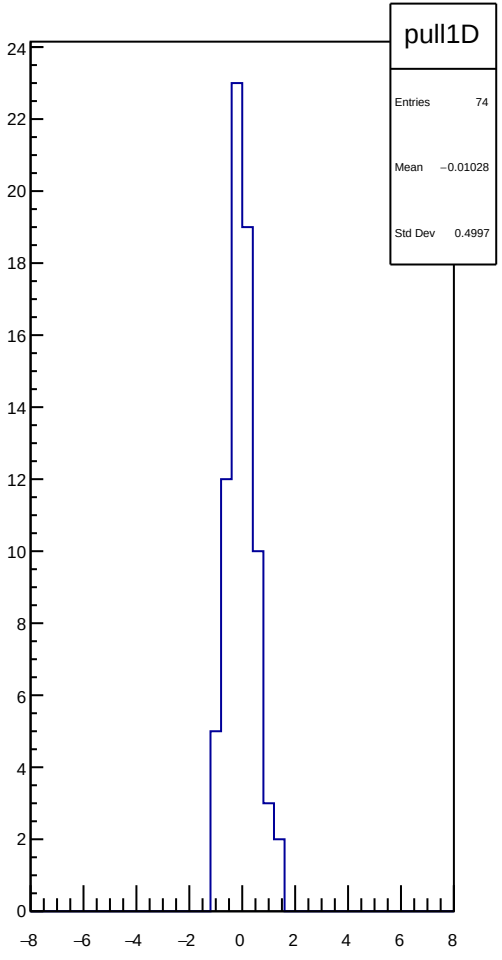

reg_asym_at2_dd_diff_bpm1X_slope vs run
χ² / ndf 18.68 / 73
p0 7.59 ± 5.096
100
50
0
−50
−100
pull
Entries 74
Mean −9.667
Std Dev 23.35
1
0.5
0
−0.5
−1

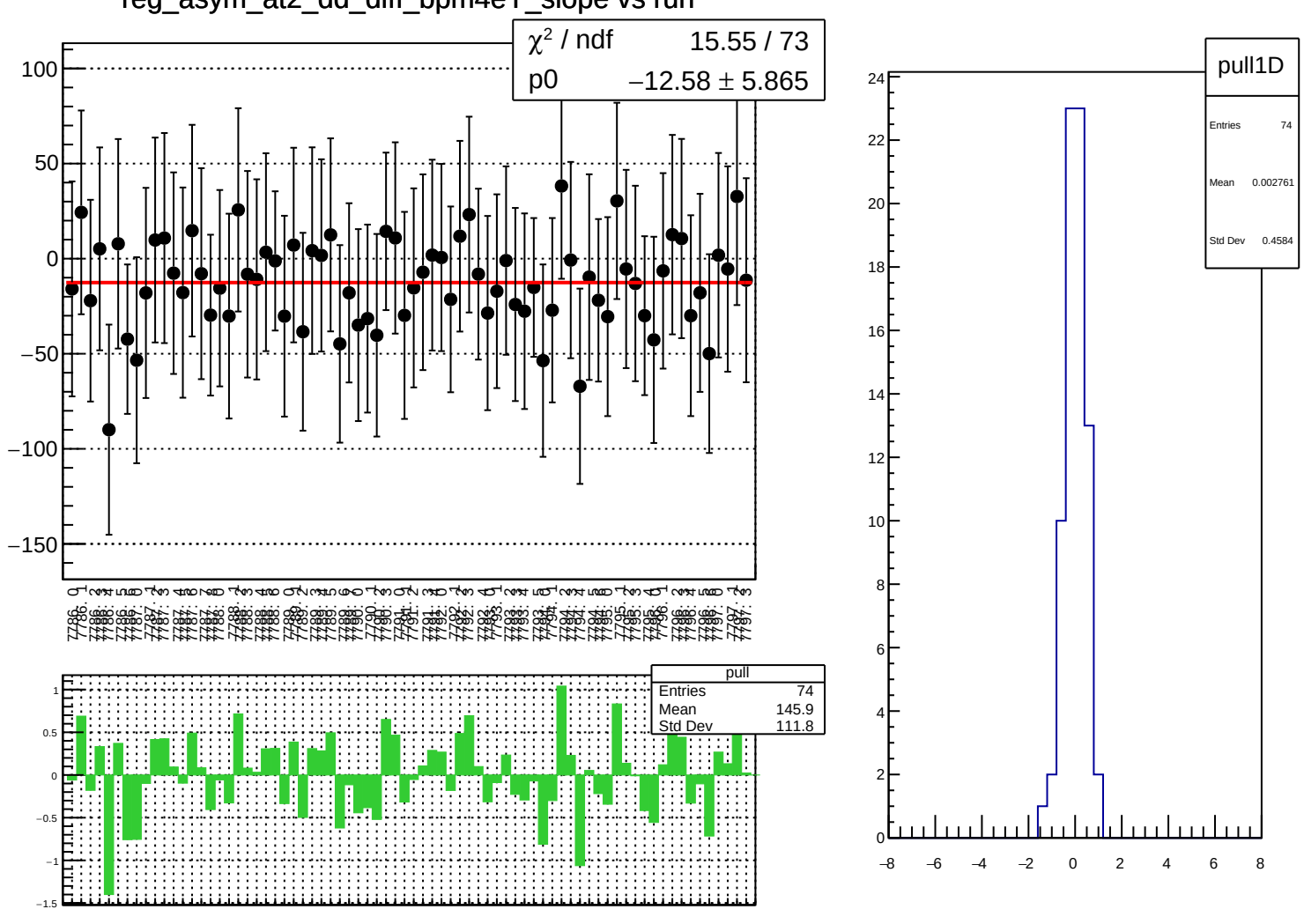

pull1D
Entries 74
Mean 0.01026
Std Dev 0.5023
24
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

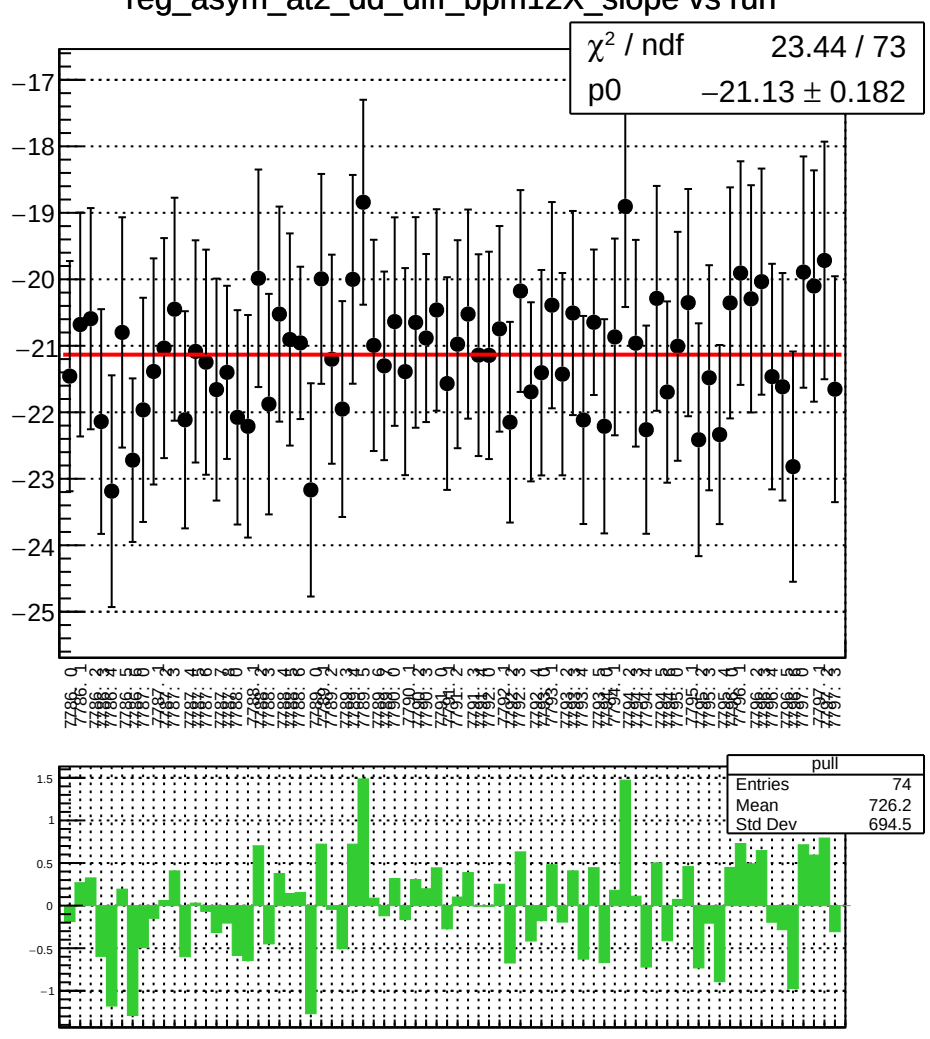

reg_asym_at2_dd_diff_bpm4aY_slope vs run
χ² / ndf 16.57 / 73
p0 13.89 ± 5.177
pull
Entries 74
Mean 268.1
Std Dev 232.7

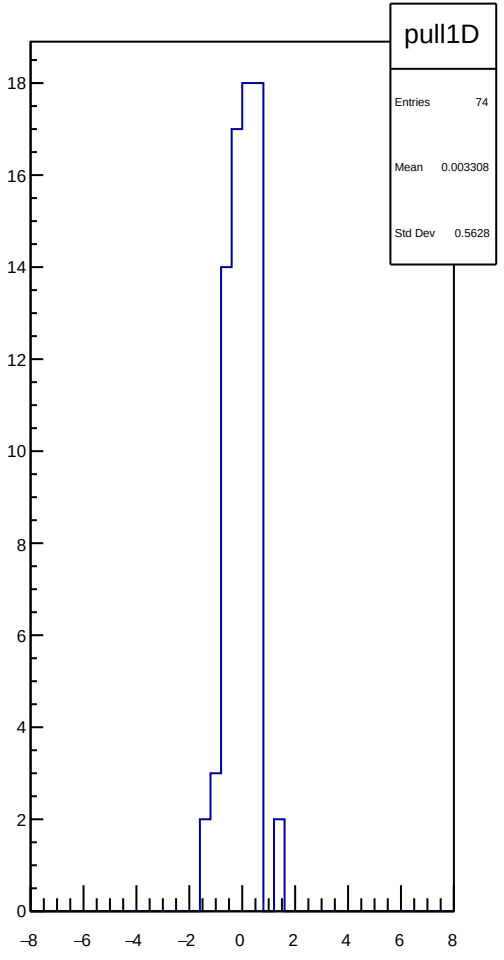

pull1D
Entries 74
Mean −0.002873
Std Dev 0.4732

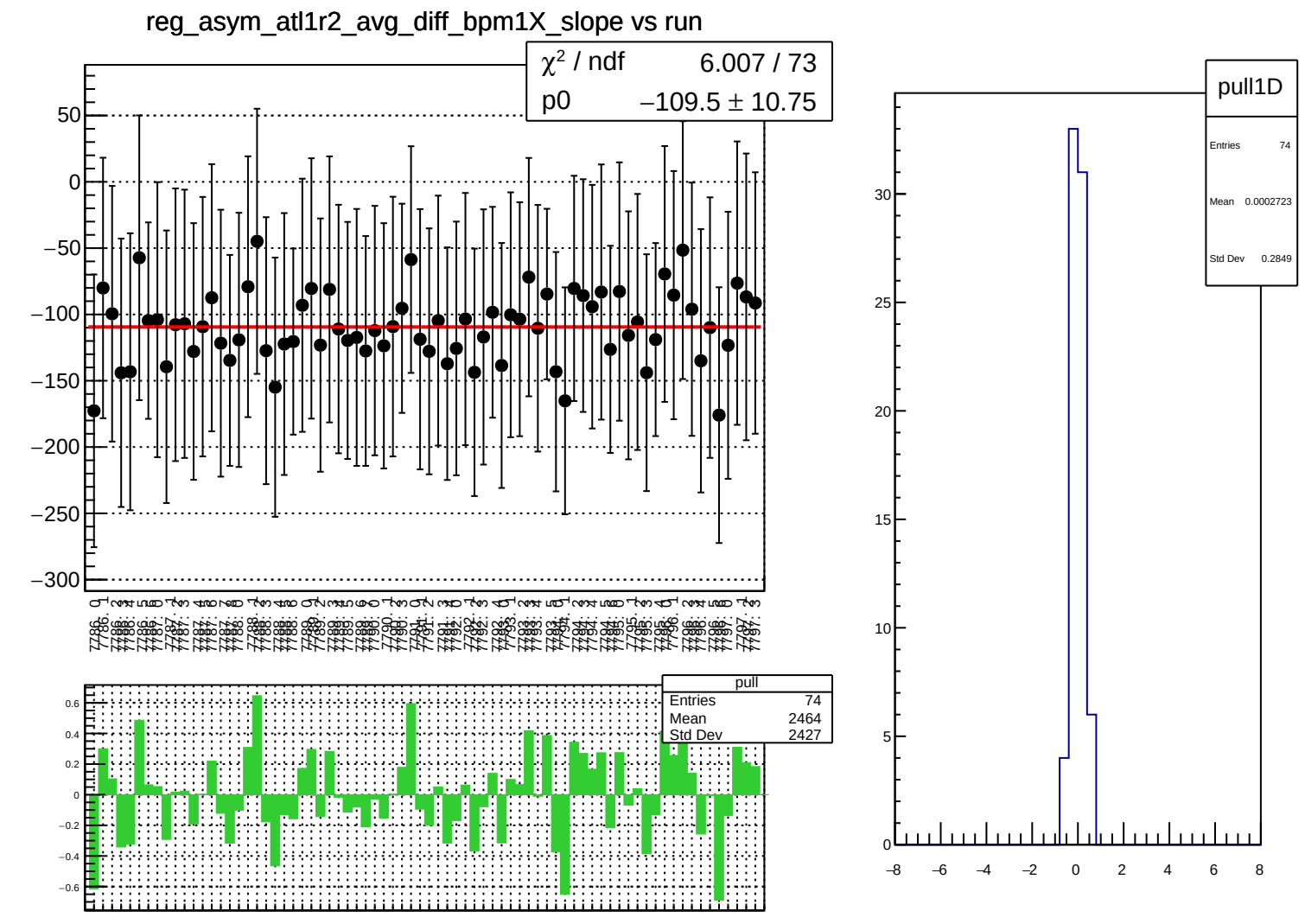

reg_asym_at2_dd_diff_bpm4eX_slope vs run
χ² / ndf 18.49 / 73
p0 81.88 ± 4.431
pull
Entries 74
Mean −20.4
Std Dev 42.96

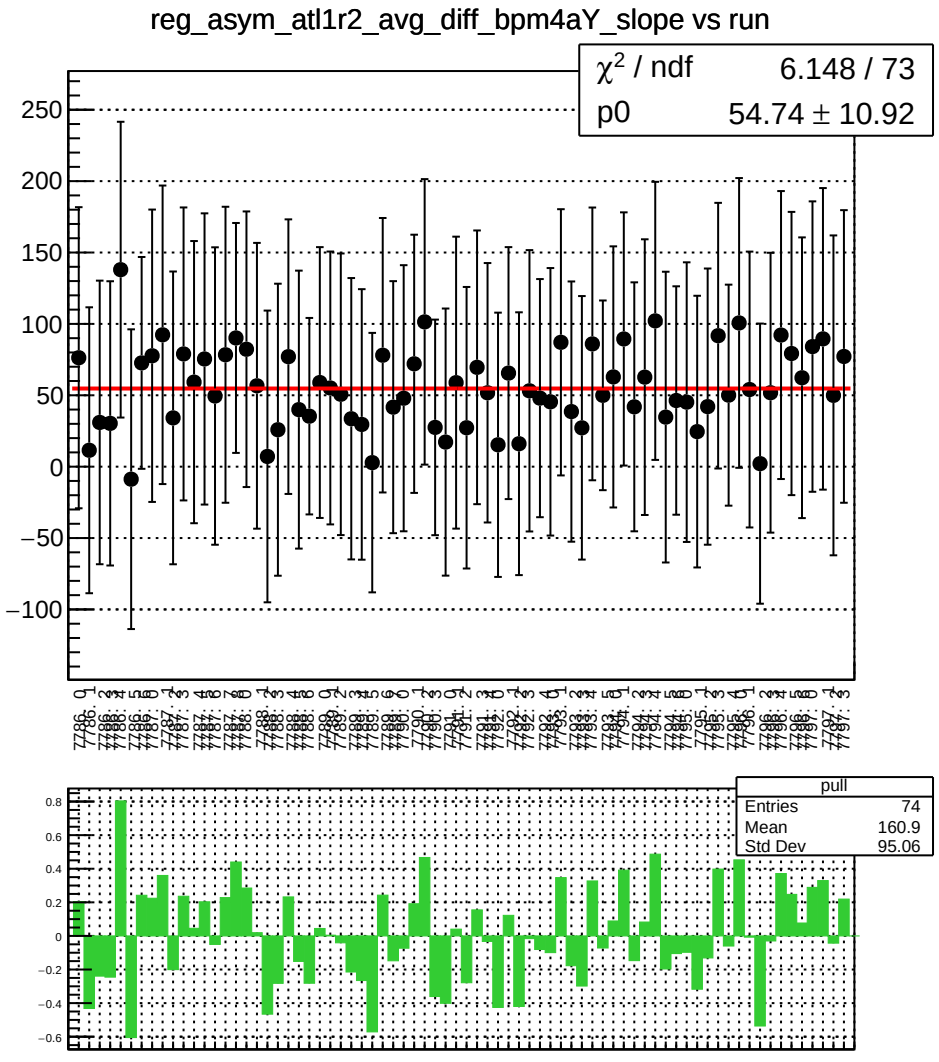

pull1D
Entries 74
Mean −0.01028
Std Dev 0.4997

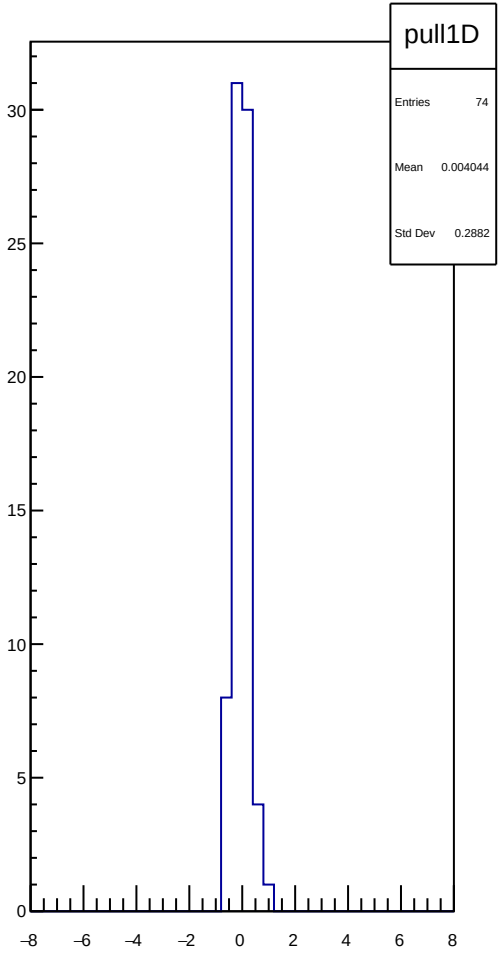

reg_asym_at2_dd_diff_bpm4eY_slope vs run
χ² / ndf 15.55 / 73
p0 −12.58 ± 5.865
pull
Entries 74
Mean 145.9
Std Dev 111.8
pull1D
Entries 74
Mean 0.002761
Std Dev 0.4584

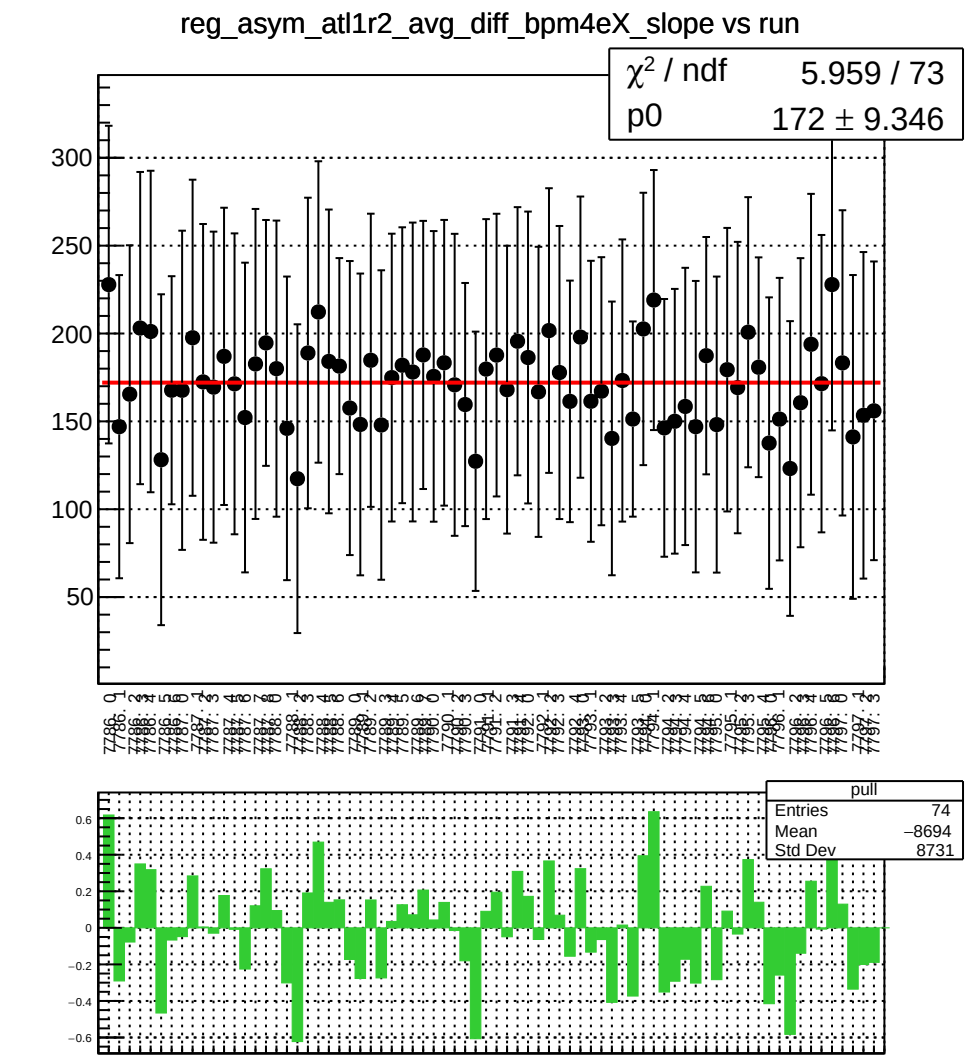

reg_asym_at2_dd_diff_bpm12X_slope vs run
χ² / ndf 23.44 / 73
p0 −21.13 ± 0.182
pull
Entries 74
Mean 726.2
Std Dev 694.5

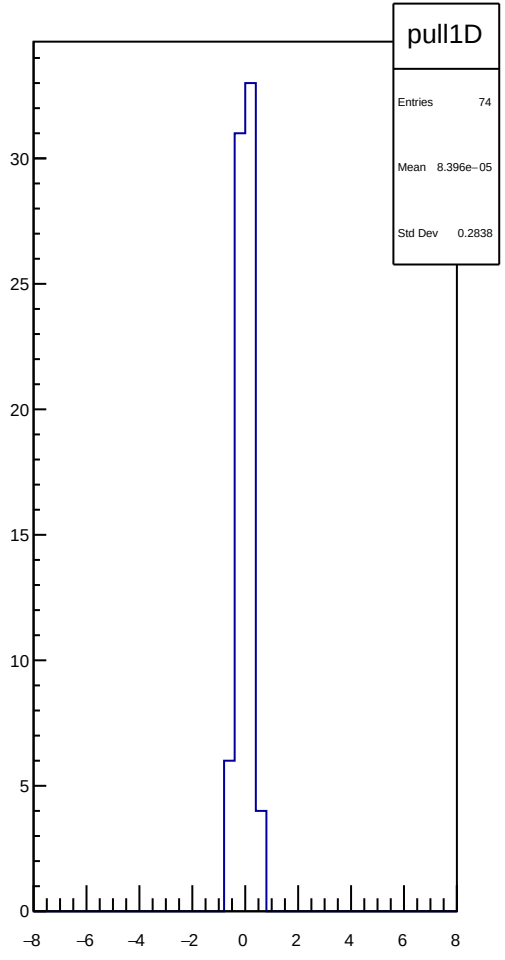

pull1D
Entries 74
Mean 0.003308
Std Dev 0.5628

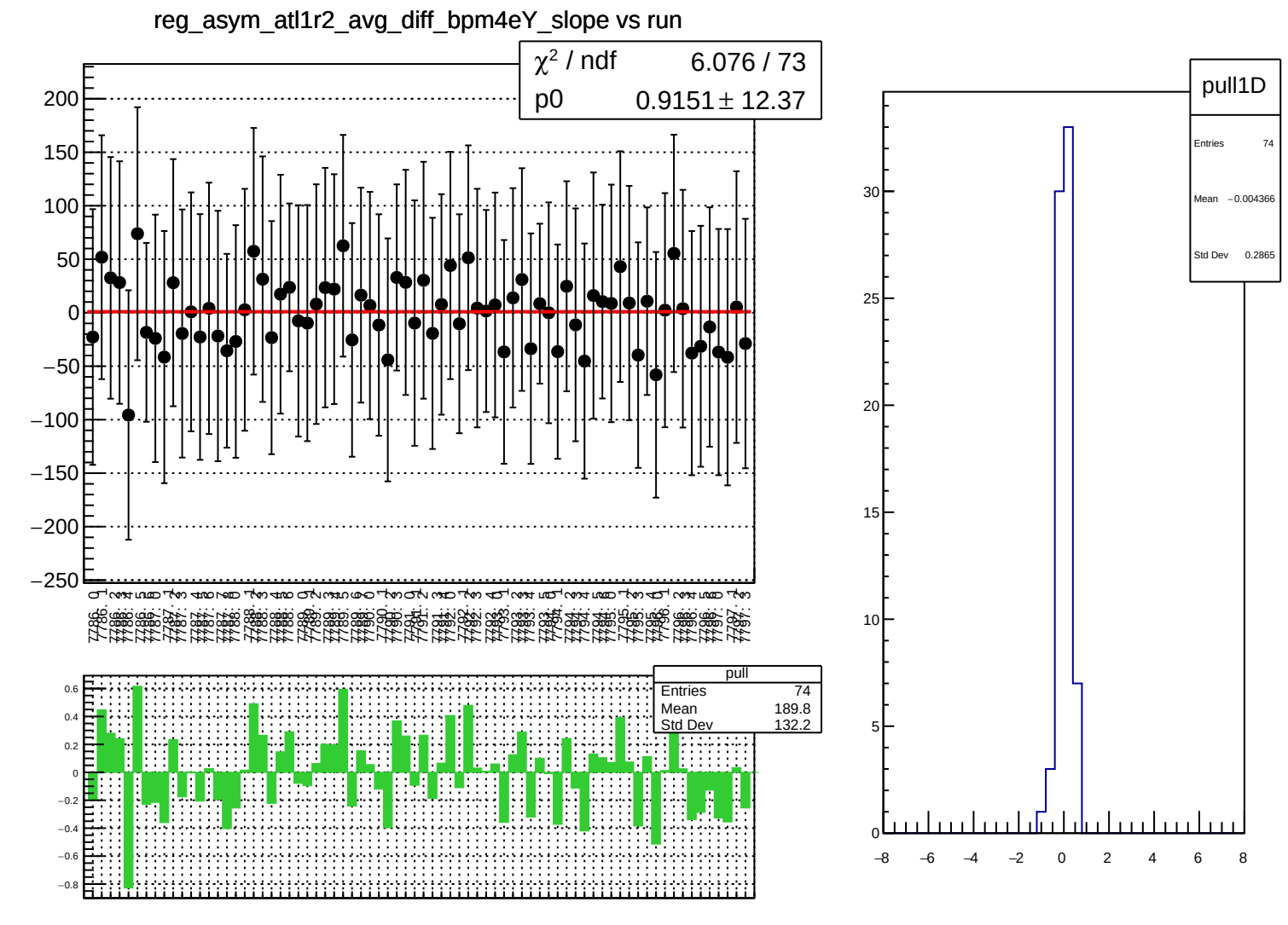

reg_asym_atl1r2_avg_diff_bpm1X_slope vs run
χ² / ndf 6.007 / 73
p0 −109.5 ± 10.75
pull
Entries 74
Mean 2464
Std Dev 2427
pull1D
Entries 74
Mean 0.0002723
Std Dev 0.2849

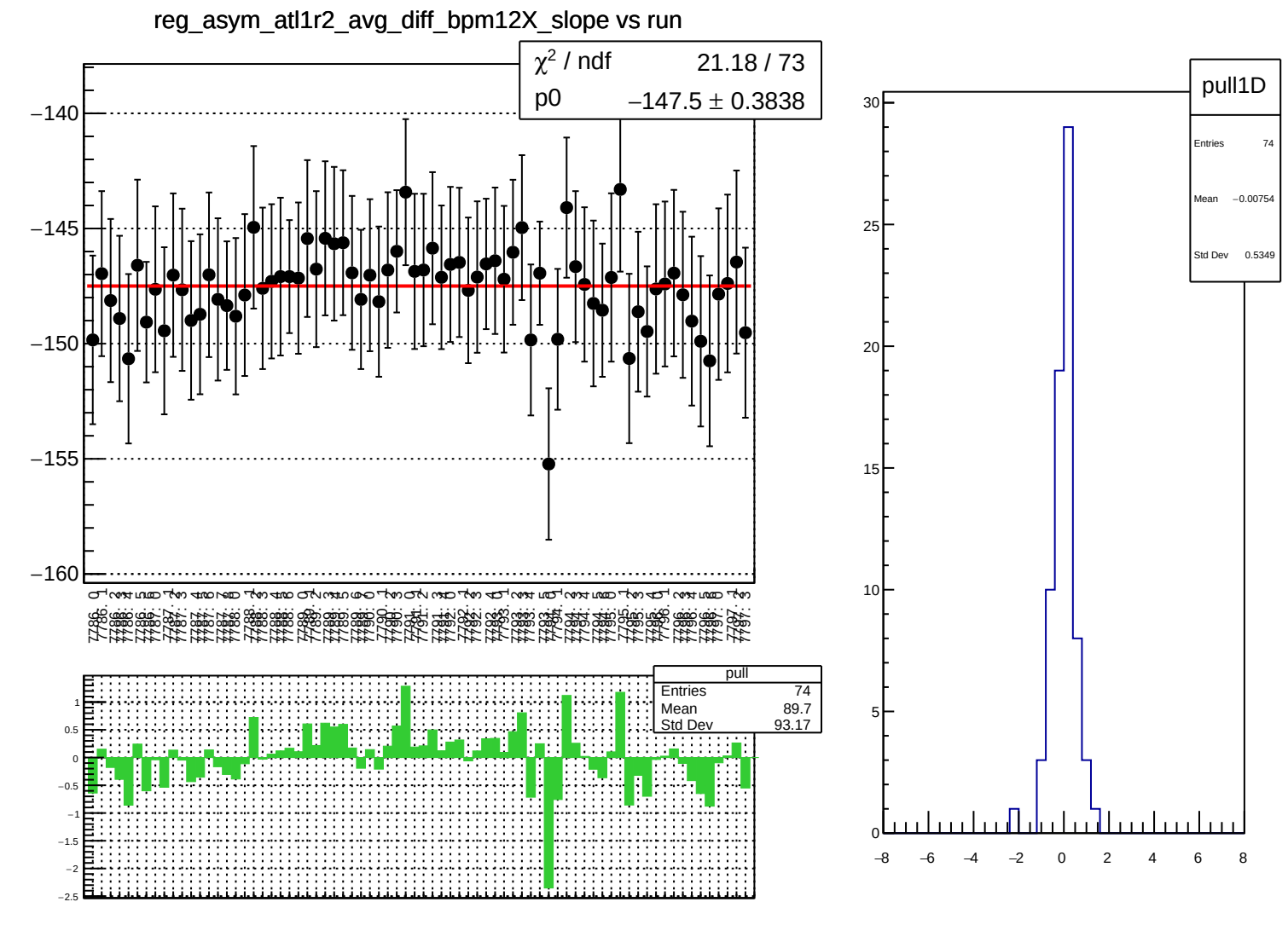

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs run
χ² / ndf 6.148 / 73
p0 54.74 ± 10.92
pull
Entries 74
Mean 160.9
Std Dev 95.06

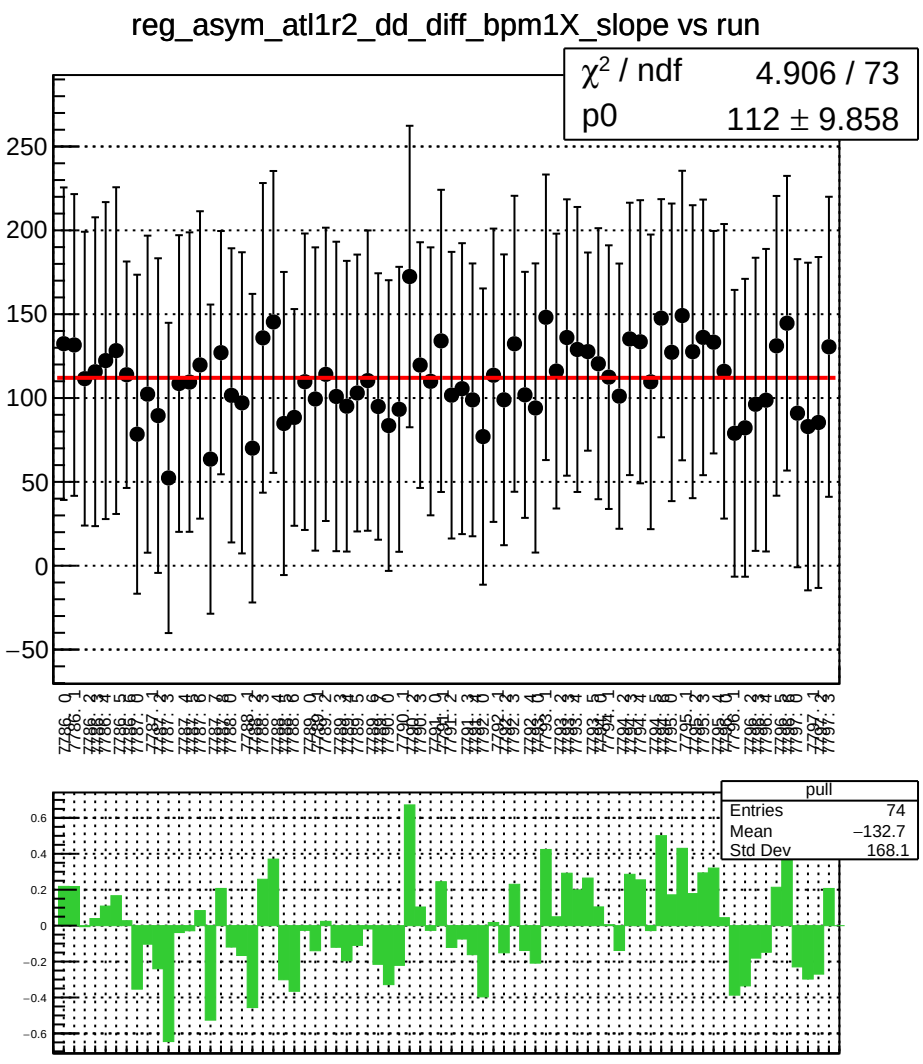

pull1D
Entries 74
Mean 0.004044
Std Dev 0.2882

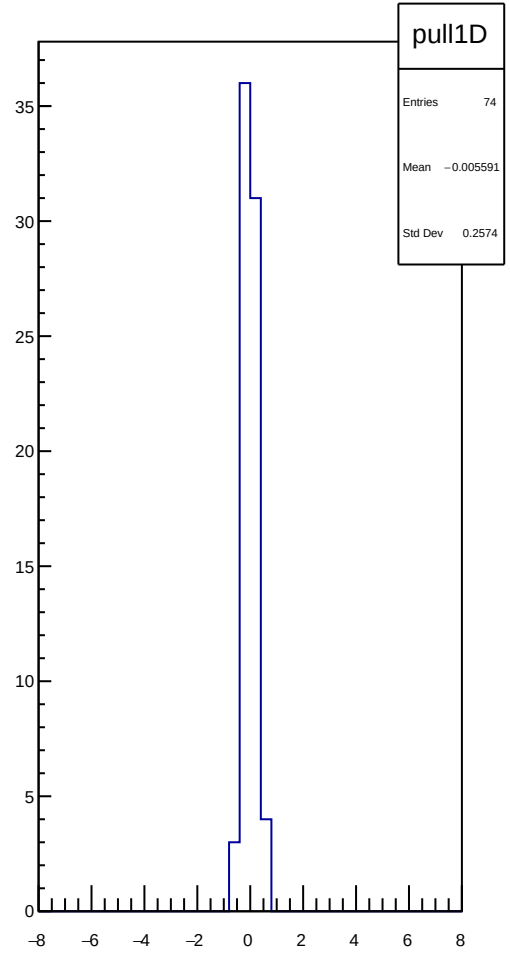

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs run
χ² / ndf 5.959 / 73
p0 172 ± 9.346
pull
Entries 74
Mean −8694
Std Dev 8731

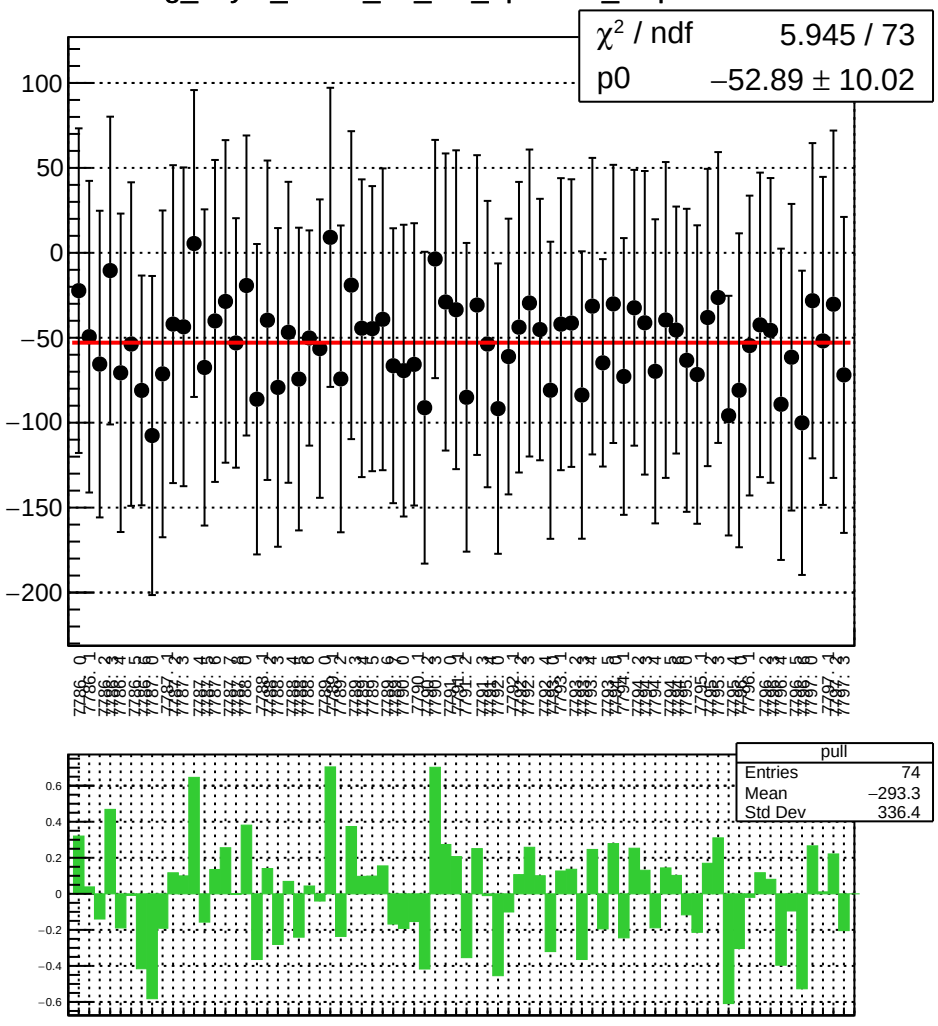

pull1D
Entries 74
Mean 8.396e−05
Std Dev 0.2838

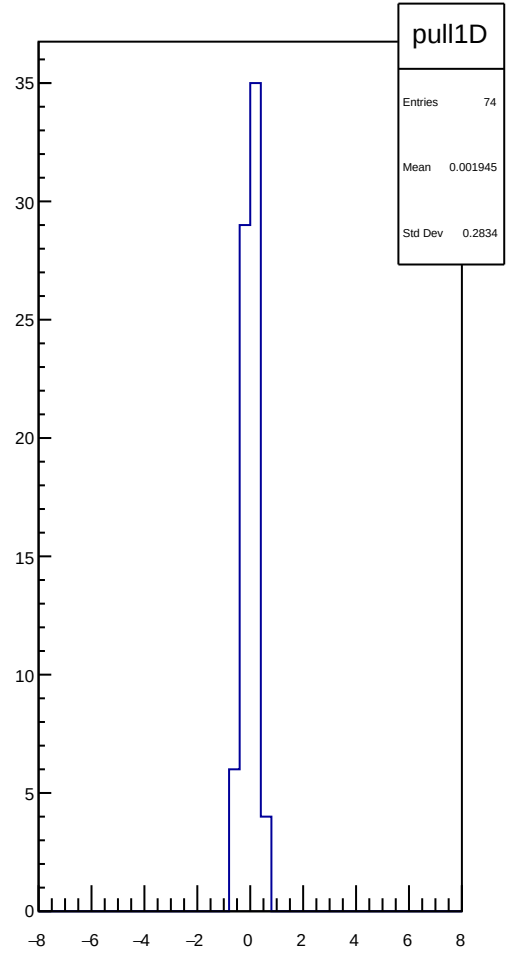

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs run
χ² / ndf 6.076 / 73
p0 0.9151 ± 12.37
pull
Entries 74
Mean 189.8
Std Dev 132.2
pull1D
Entries 74
Mean −0.004366
Std Dev 0.2865

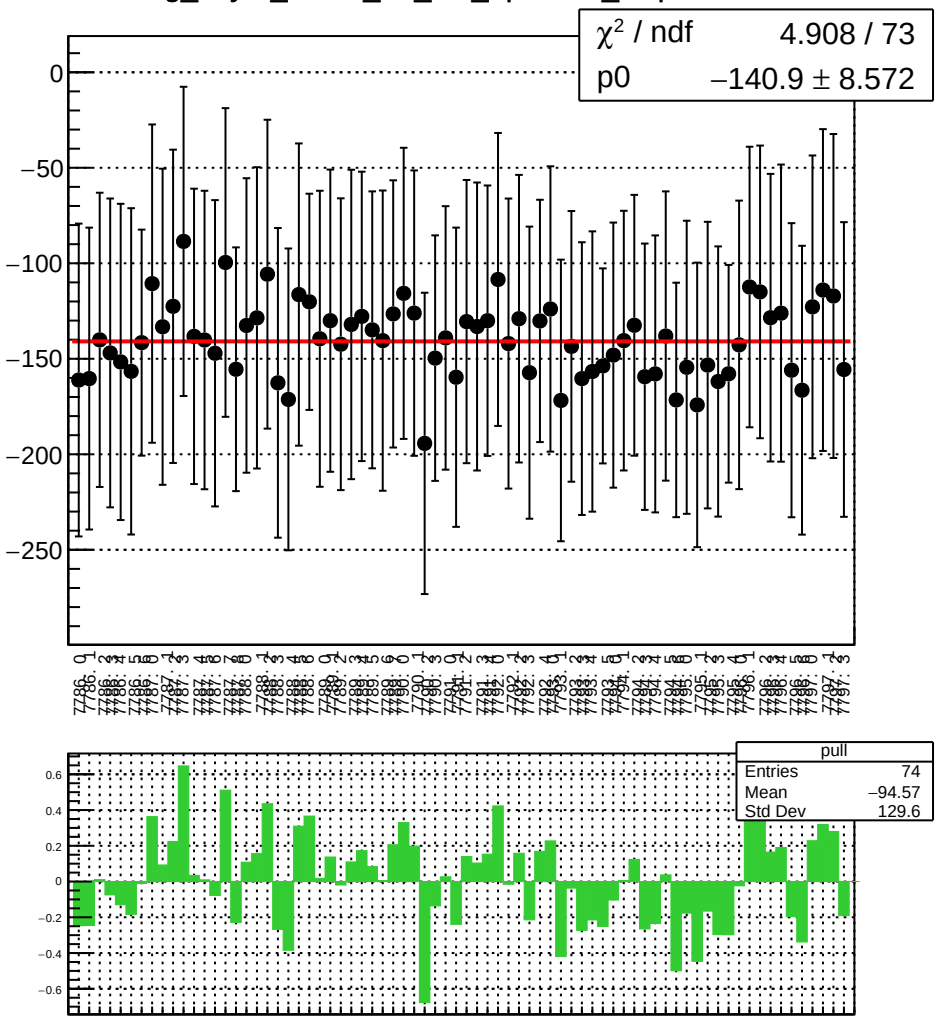

reg_asym_atl1r2_avg_diff_bpm12X_slope vs run
χ² / ndf 21.18 / 73
p0 −147.5 ± 0.3838
−140
−145
−150
−155
−160
pull
Entries 74
Mean 89.7
Std Dev 93.17
1
0.5
0
−0.5
−1
−1.5
−2
−2.5
pull1D
Entries 74
Mean −0.00754
Std Dev 0.5349
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

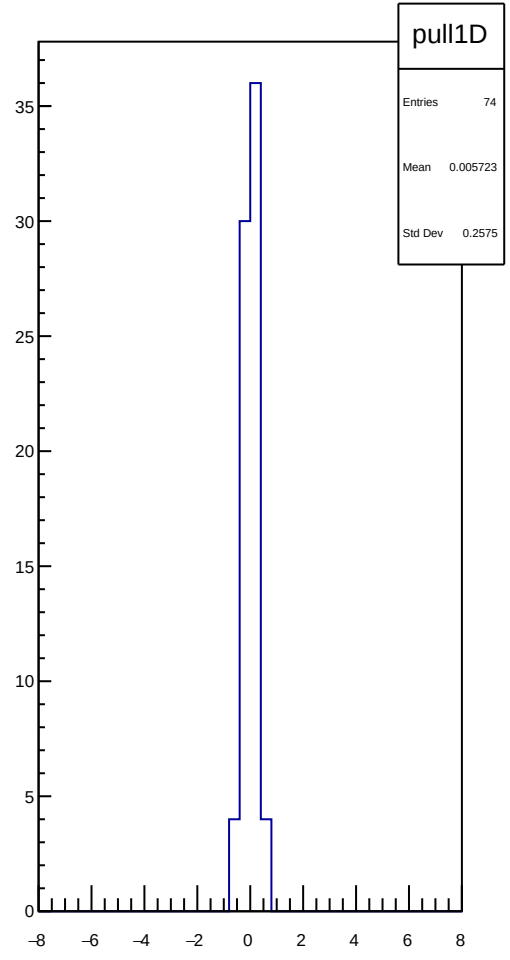

reg_asym_atl1r2_dd_diff_bpm1X_slope vs run
χ² / ndf 4.906 / 73
p0 112 ± 9.858
pull
Entries 74
Mean −132.7
Std Dev 168.1

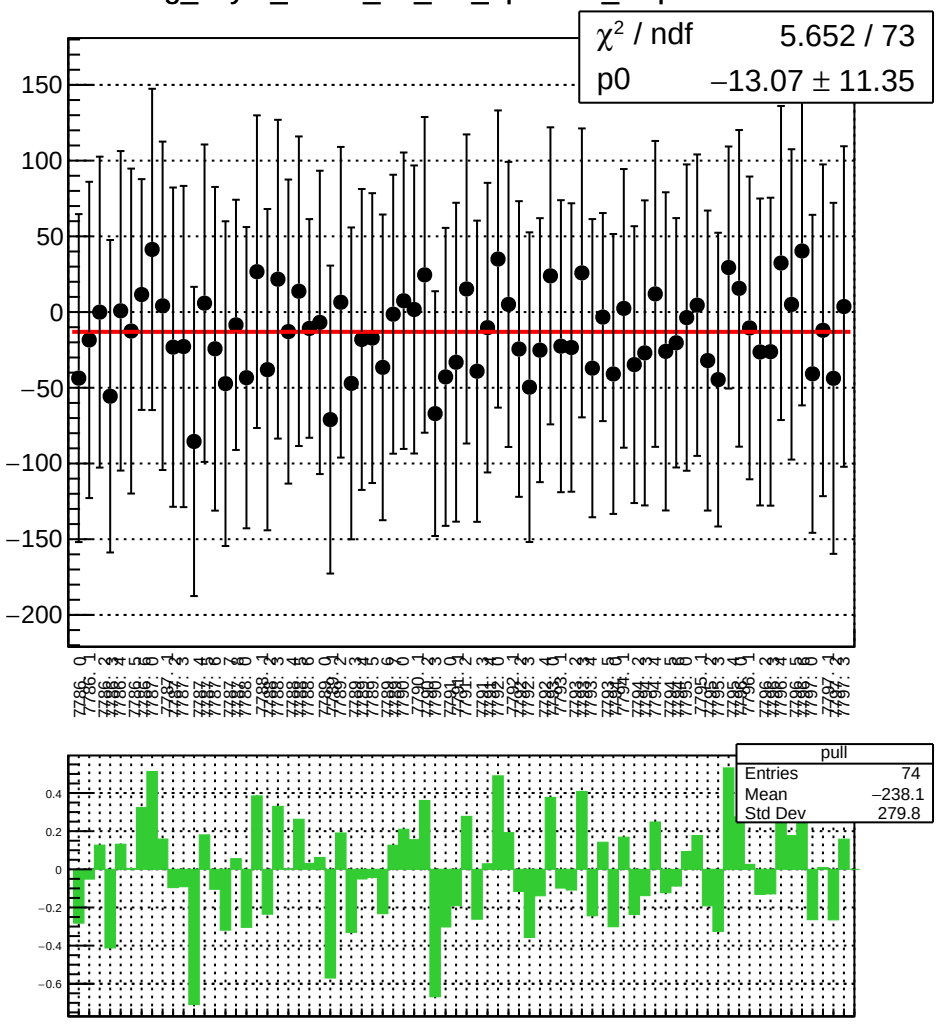

pull1D
Entries 74
Mean −0.005591
Std Dev 0.2574

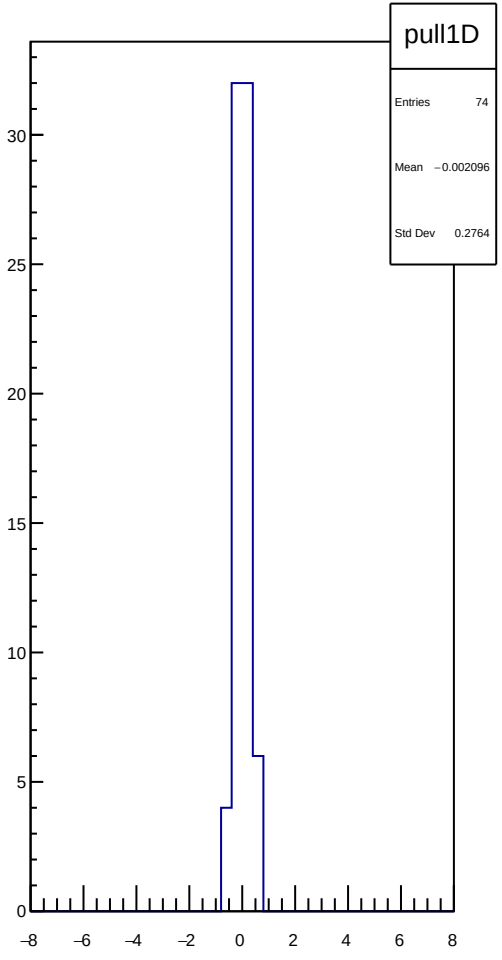

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs run
χ² / ndf 5.945 / 73
p0 −52.89 ± 10.02
pull
Entries 74
Mean −293.3
Std Dev 336.4

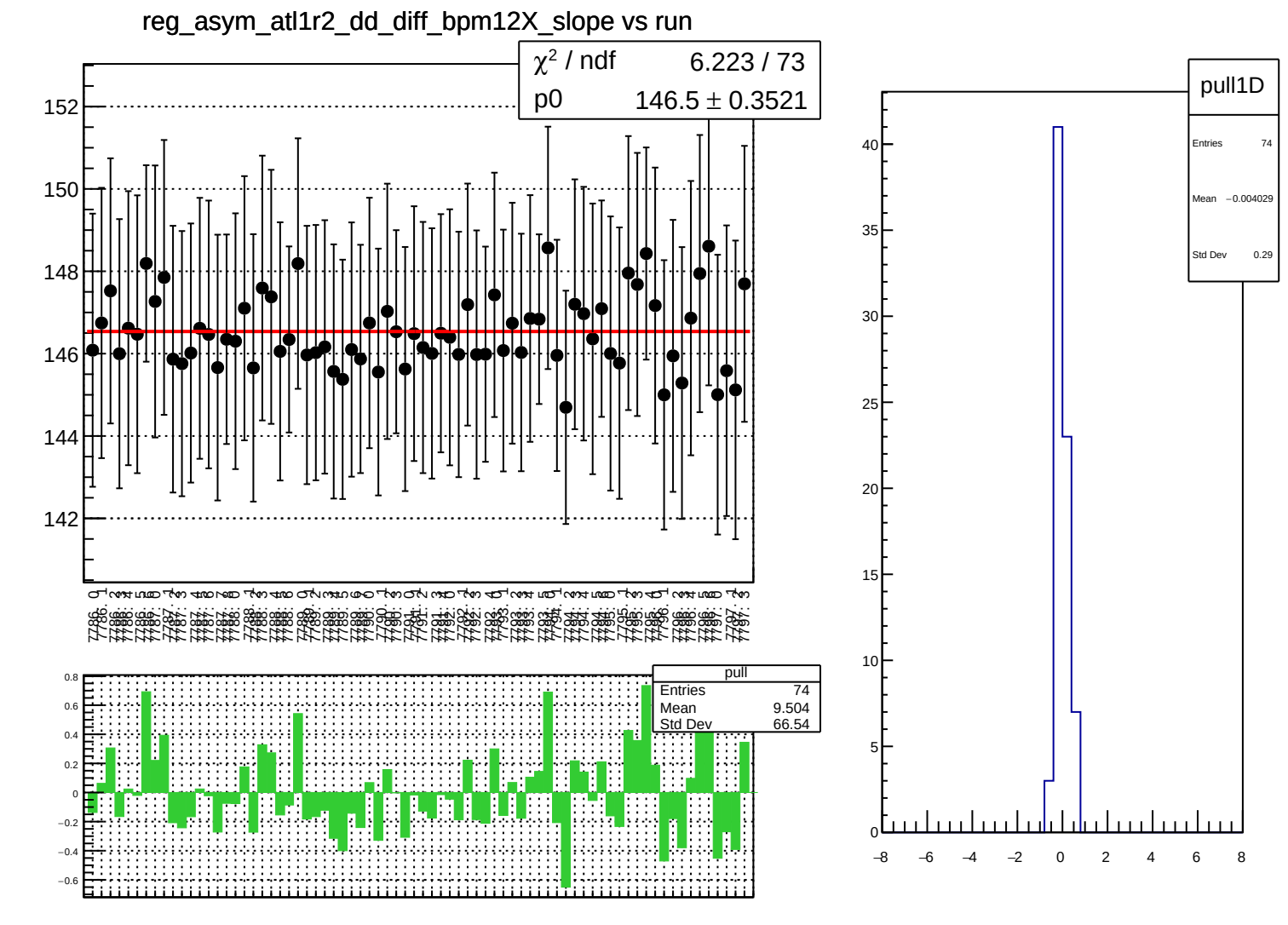

pull1D
Entries 74
Mean 0.001945
Std Dev 0.2834

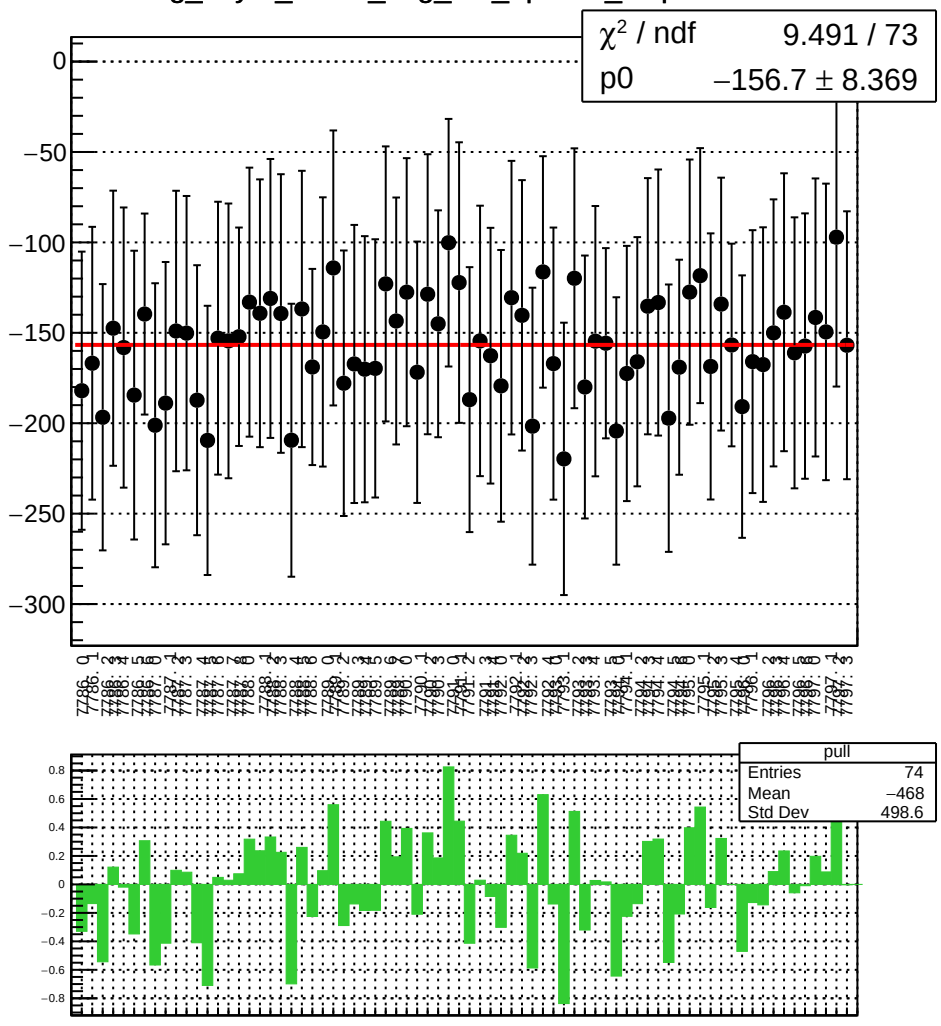

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs run
χ² / ndf 4.908 / 73
p0 −140.9 ± 8.572
pull
Entries 74
Mean −94.57
Std Dev 129.6

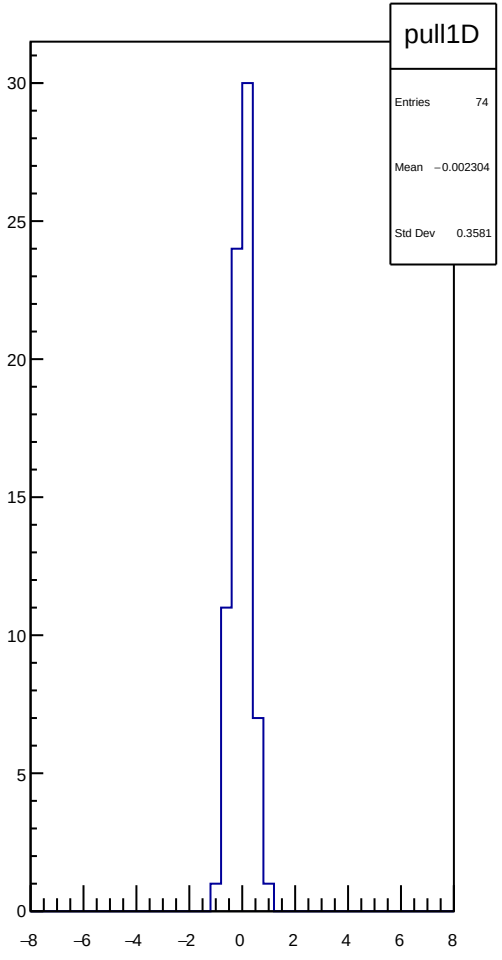

pull1D
Entries 74
Mean 0.005723
Std Dev 0.2575

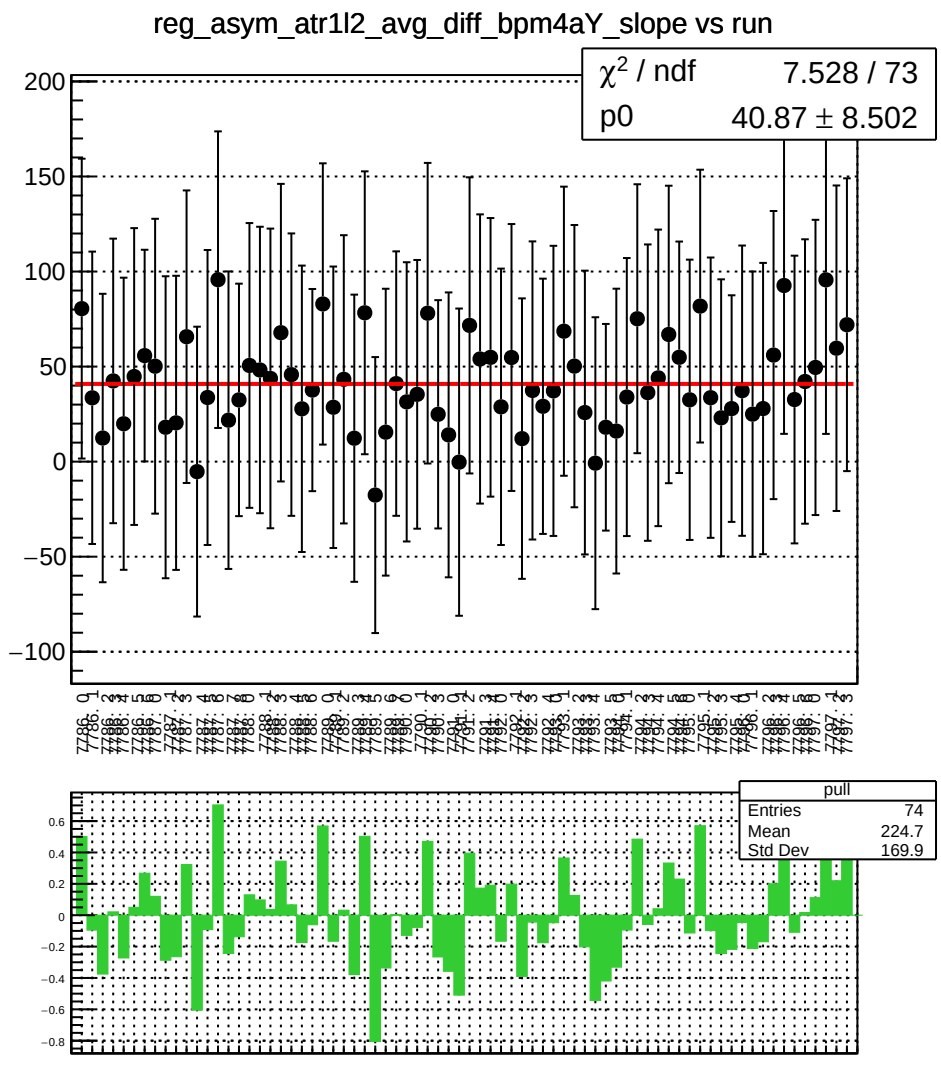

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs run
χ² / ndf 5.652 / 73
p0 −13.07 ± 11.35
pull
Entries 74
Mean −238.1
Std Dev 279.8

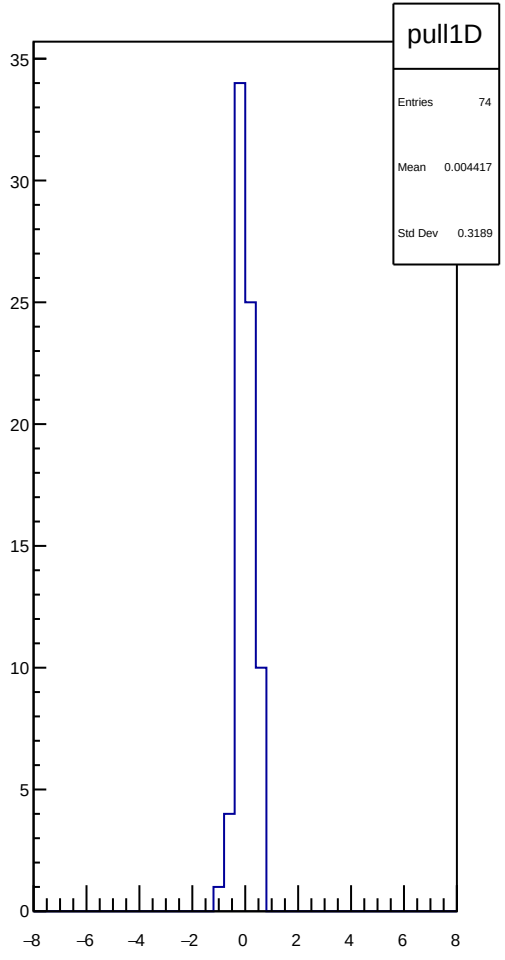

pull1D
Entries 74
Mean −0.002096
Std Dev 0.2764

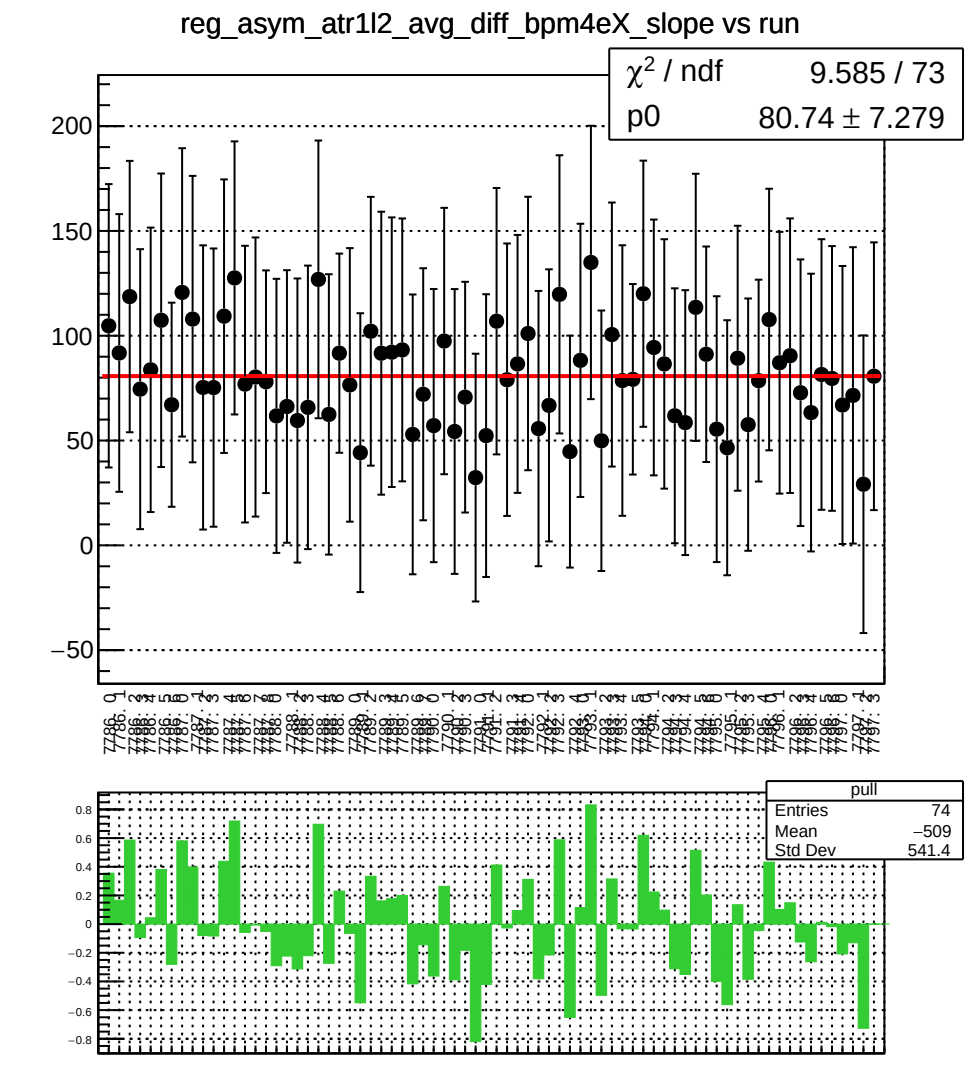

reg_asym_atl1r2_dd_diff_bpm12X_slope vs run
χ² / ndf 6.223 / 73
p0 146.5 ± 0.3521
152
150
148
146
144
142
pull
Entries 74
Mean 9.504
Std Dev 66.54
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
pull1D
Entries 74
Mean −0.004029
Std Dev 0.29
40
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

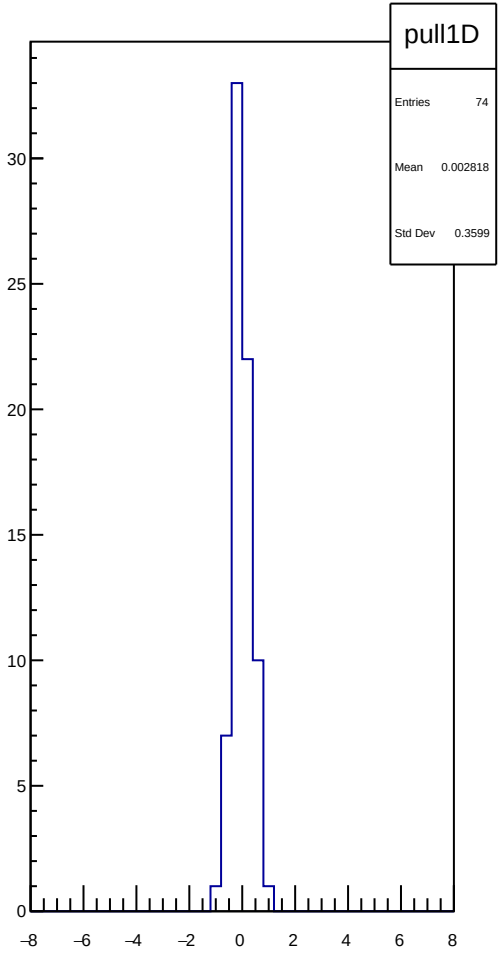

reg_asym_atr1l2_avg_diff_bpm1X_slope vs run
χ² / ndf 9.491 / 73
p0 −156.7 ± 8.369
pull
Entries 74
Mean −468
Std Dev 498.6

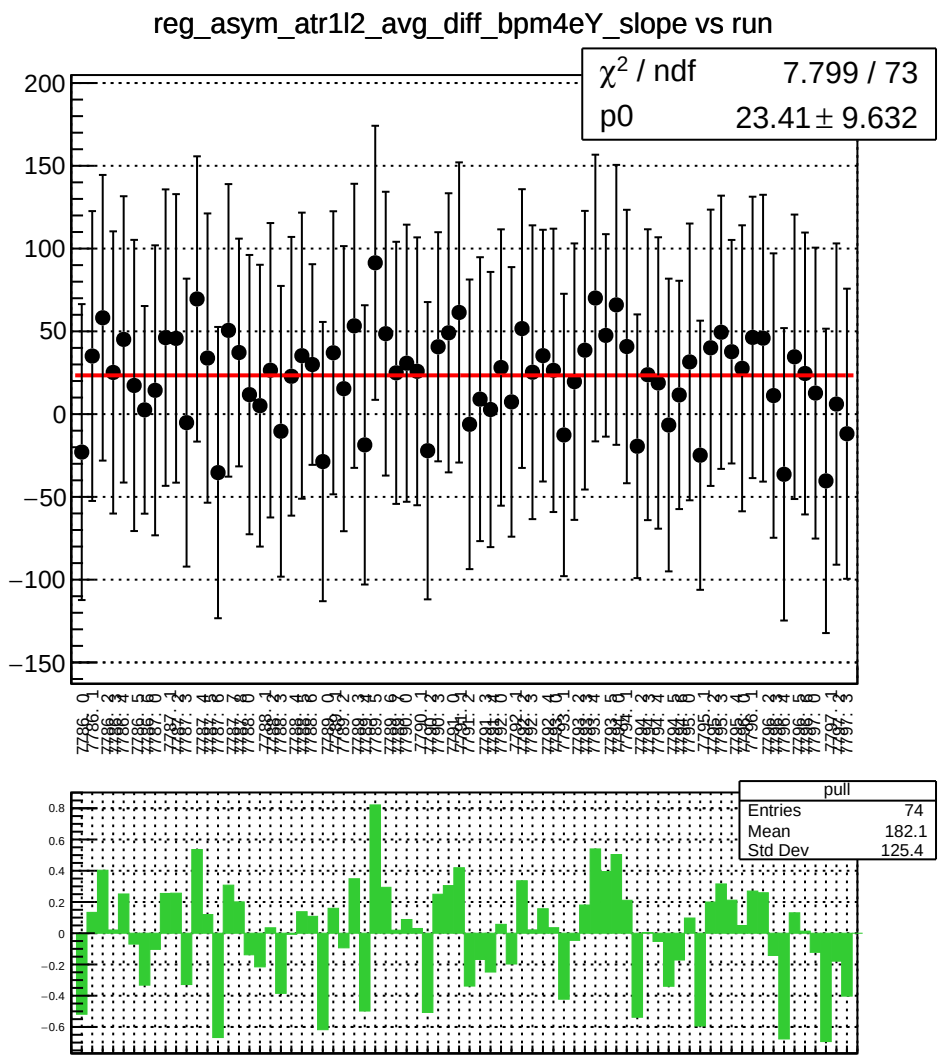

pull1D
Entries 74
Mean −0.002304
Std Dev 0.3581

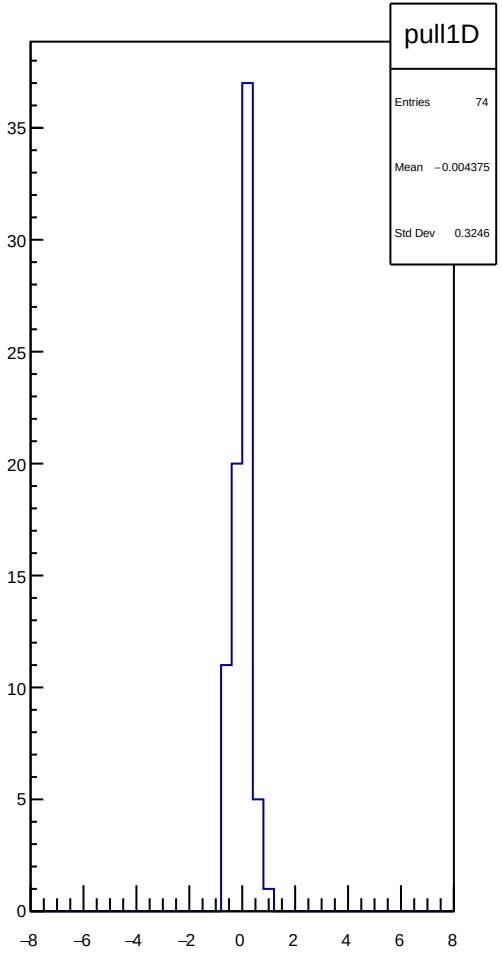

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs run
χ² / ndf 7.528 / 73
p0 40.87 ± 8.502
pull
Entries 74
Mean 224.7
Std Dev 169.9

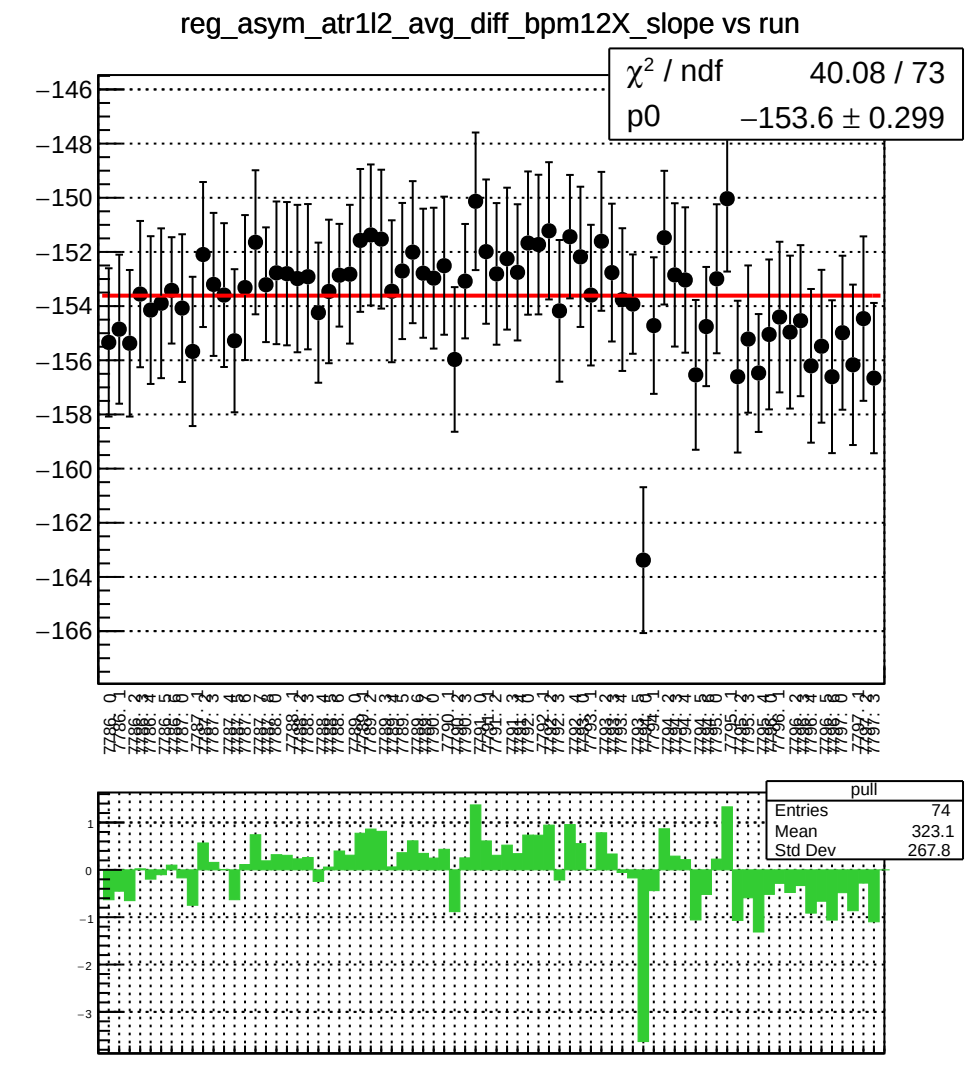

pull1D
Entries 74
Mean 0.004417
Std Dev 0.3189

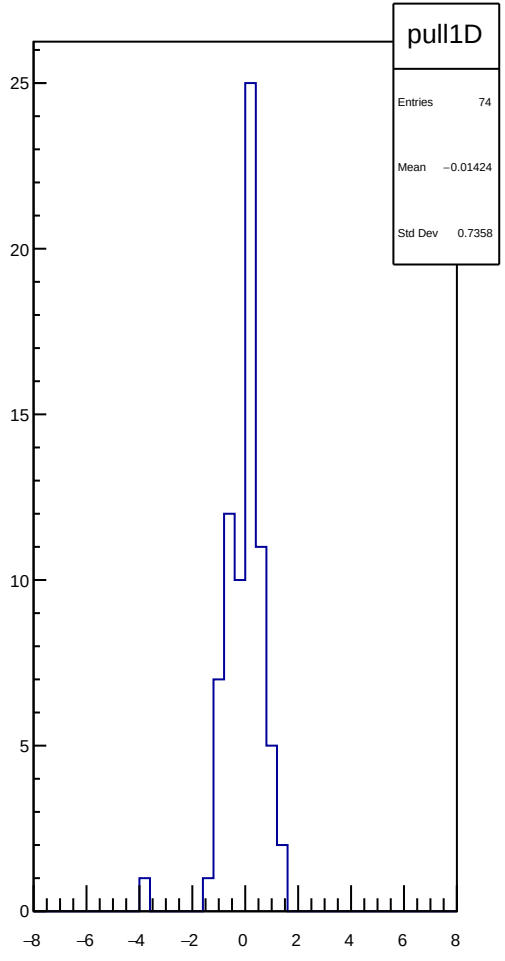

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs run
χ² / ndf 9.585 / 73
p0 80.74 ± 7.279
pull
Entries 74
Mean −509
Std Dev 541.4

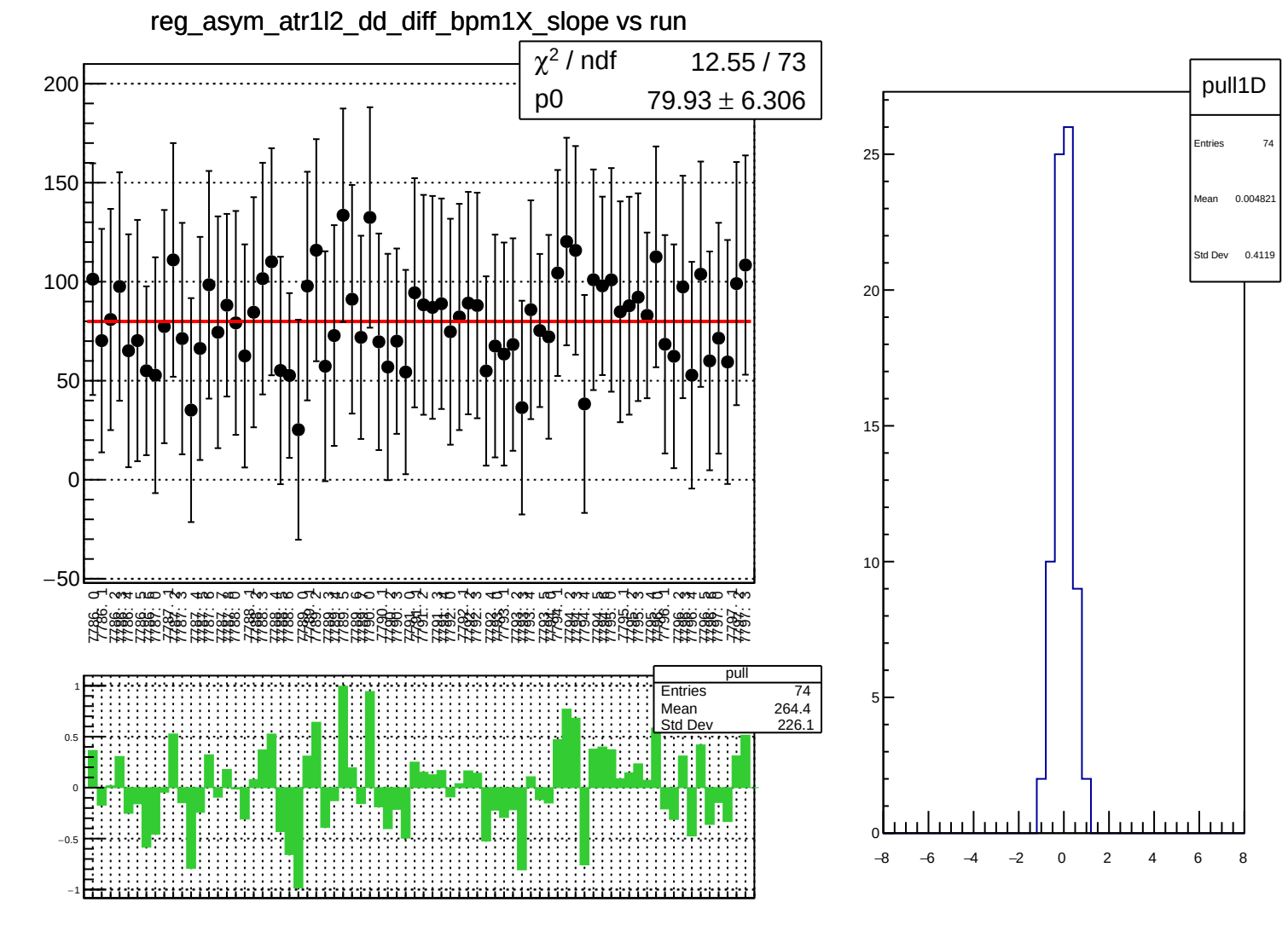

pull1D
Entries 74
Mean 0.002818
Std Dev 0.3599

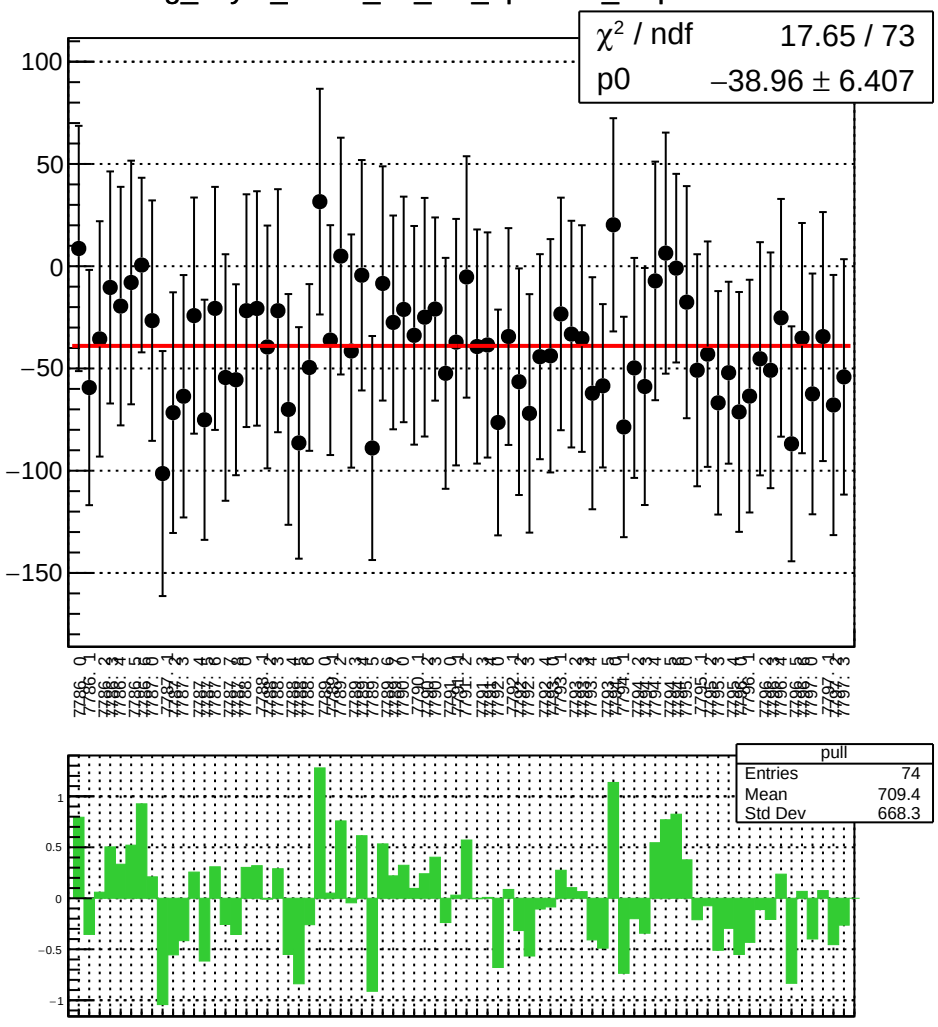

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs run
χ² / ndf 7.799 / 73
p0 23.41 ± 9.632
pull
Entries 74
Mean 182.1
Std Dev 125.4

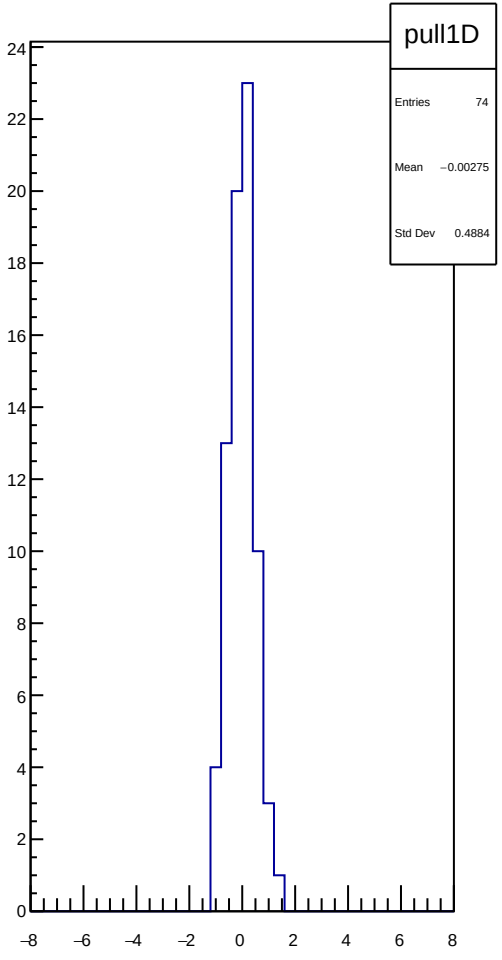

pull1D
Entries 74
Mean −0.004375
Std Dev 0.3246

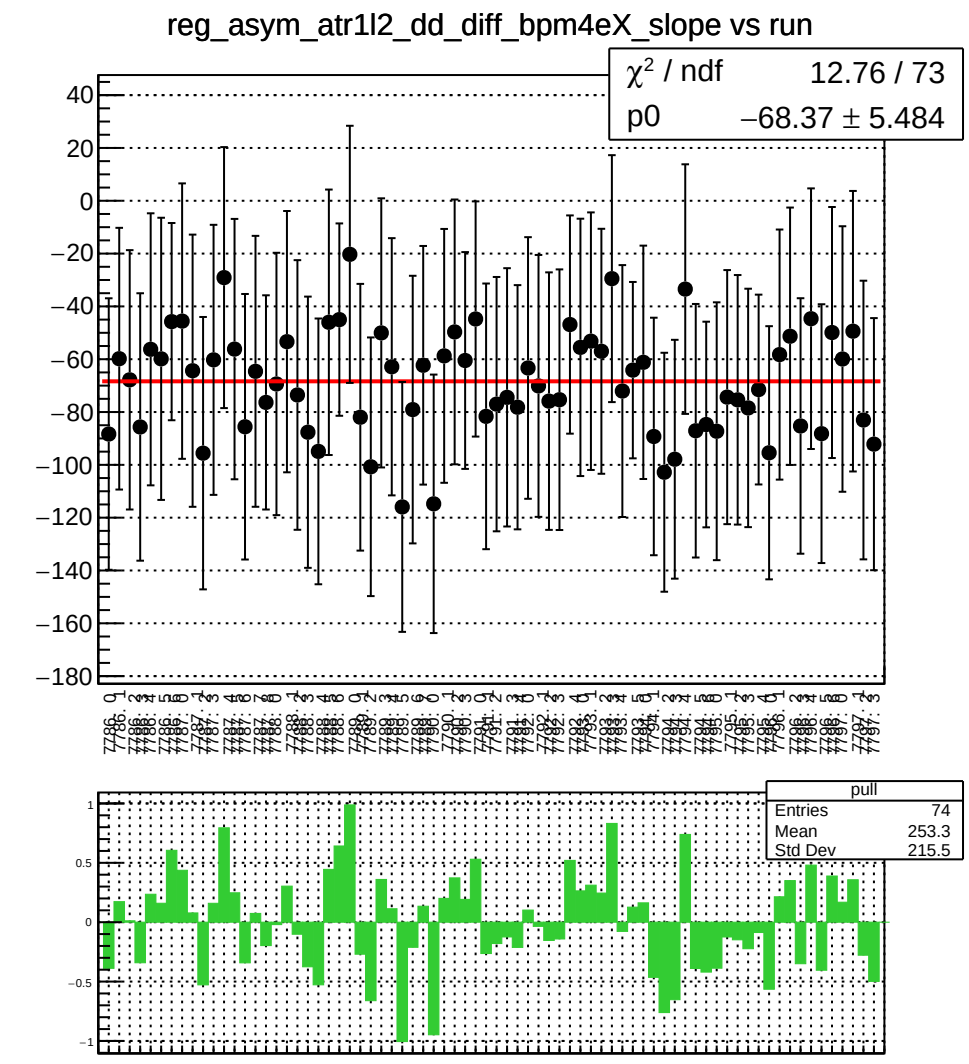

reg_asym_atr1l2_avg_diff_bpm12X_slope vs run
χ² / ndf 40.08 / 73
p0 −153.6 ± 0.299
pull
Entries 74
Mean 323.1
Std Dev 267.8

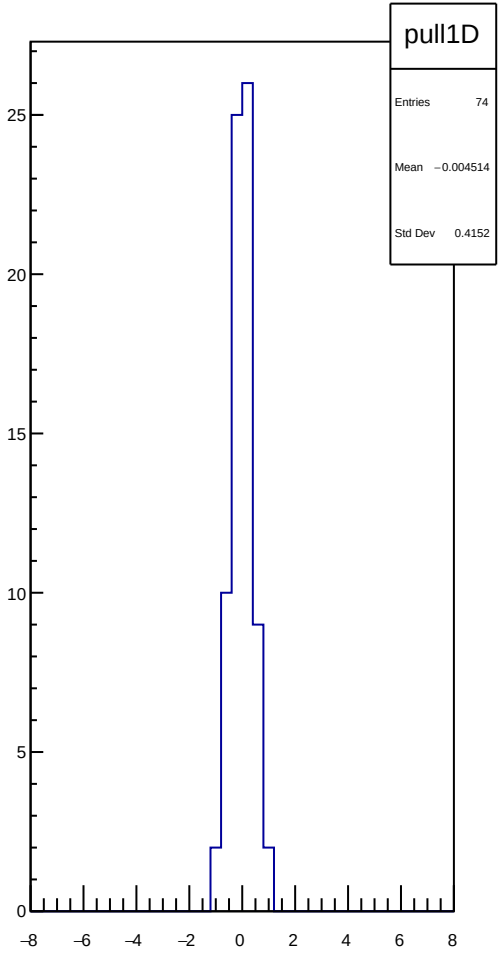

pull1D
Entries 74
Mean −0.01424
Std Dev 0.7358

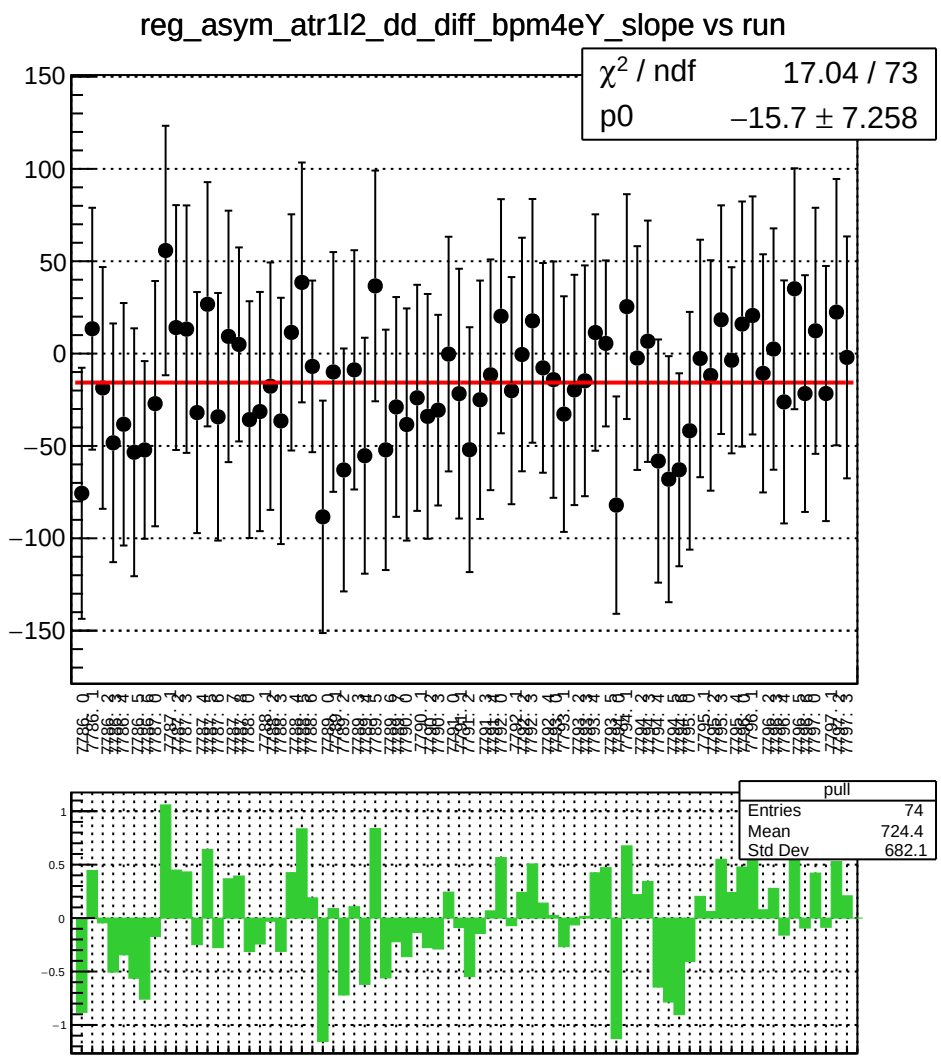

reg_asym_atr1l2_dd_diff_bpm1X_slope vs run
χ² / ndf 12.55 / 73
p0 79.93 ± 6.306
pull
Entries 74
Mean 264.4
Std Dev 226.1
pull1D
Entries 74
Mean 0.004821
Std Dev 0.4119

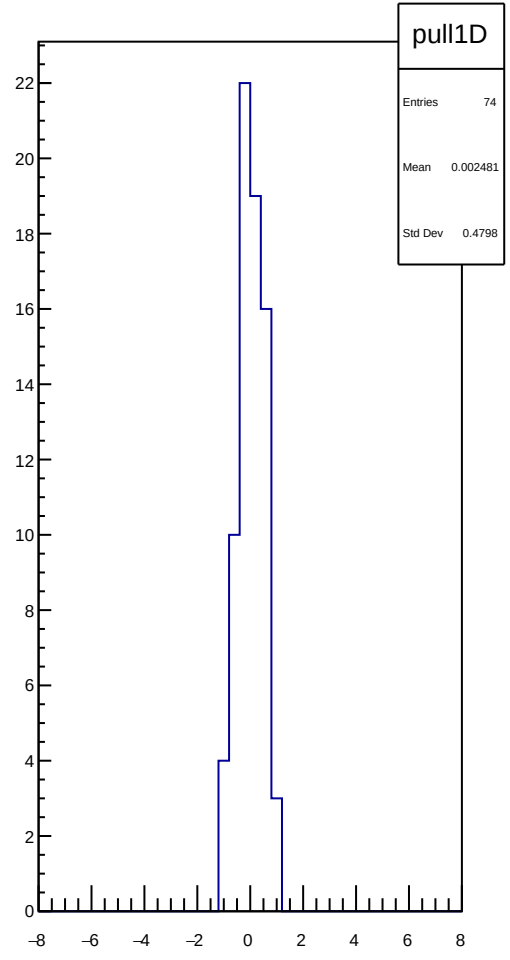

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs run
χ² / ndf 17.65 / 73
p0 −38.96 ± 6.407
pull
Entries 74
Mean 709.4
Std Dev 668.3

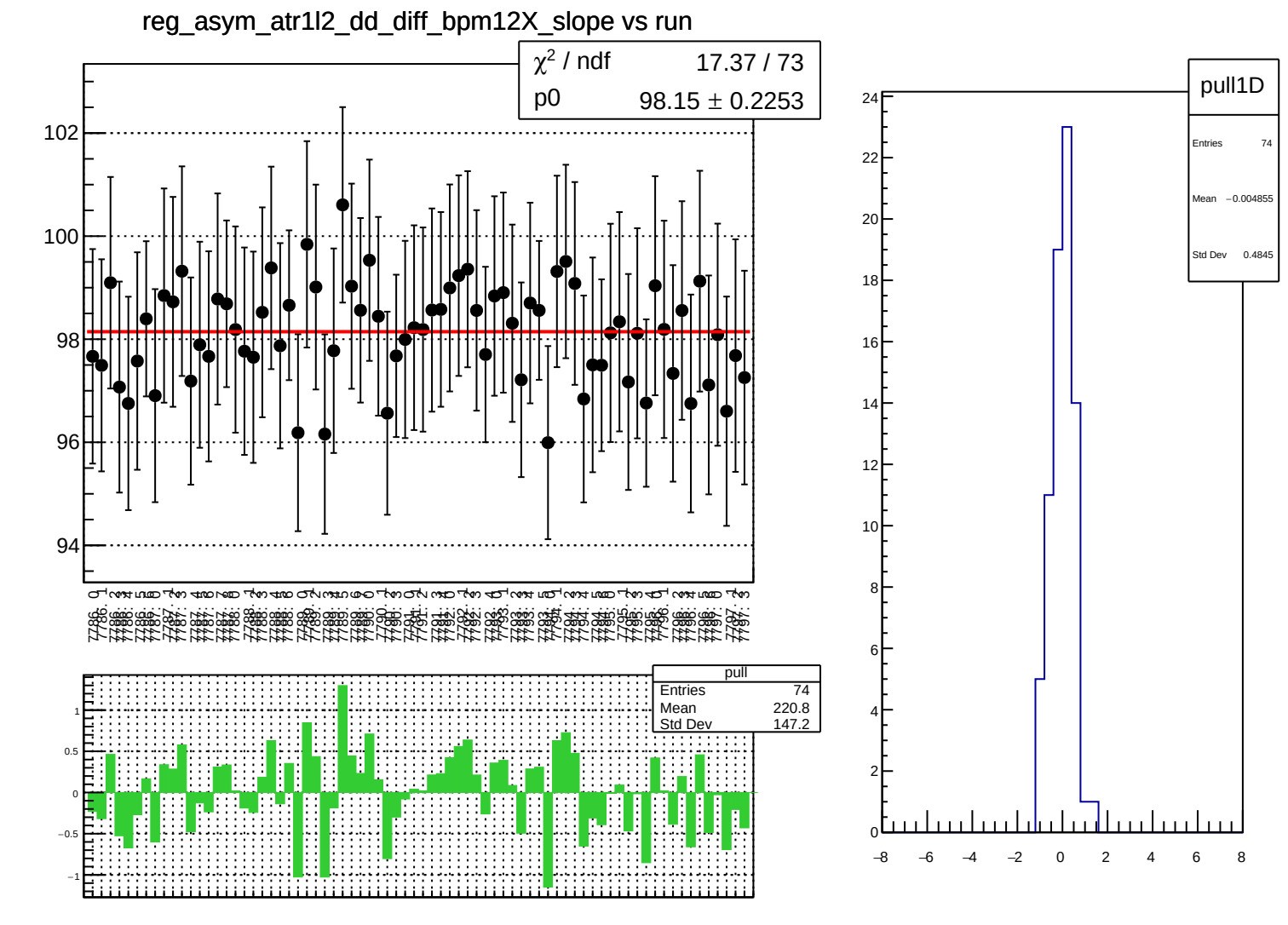

pull1D
Entries 74
Mean −0.00275
Std Dev 0.4884

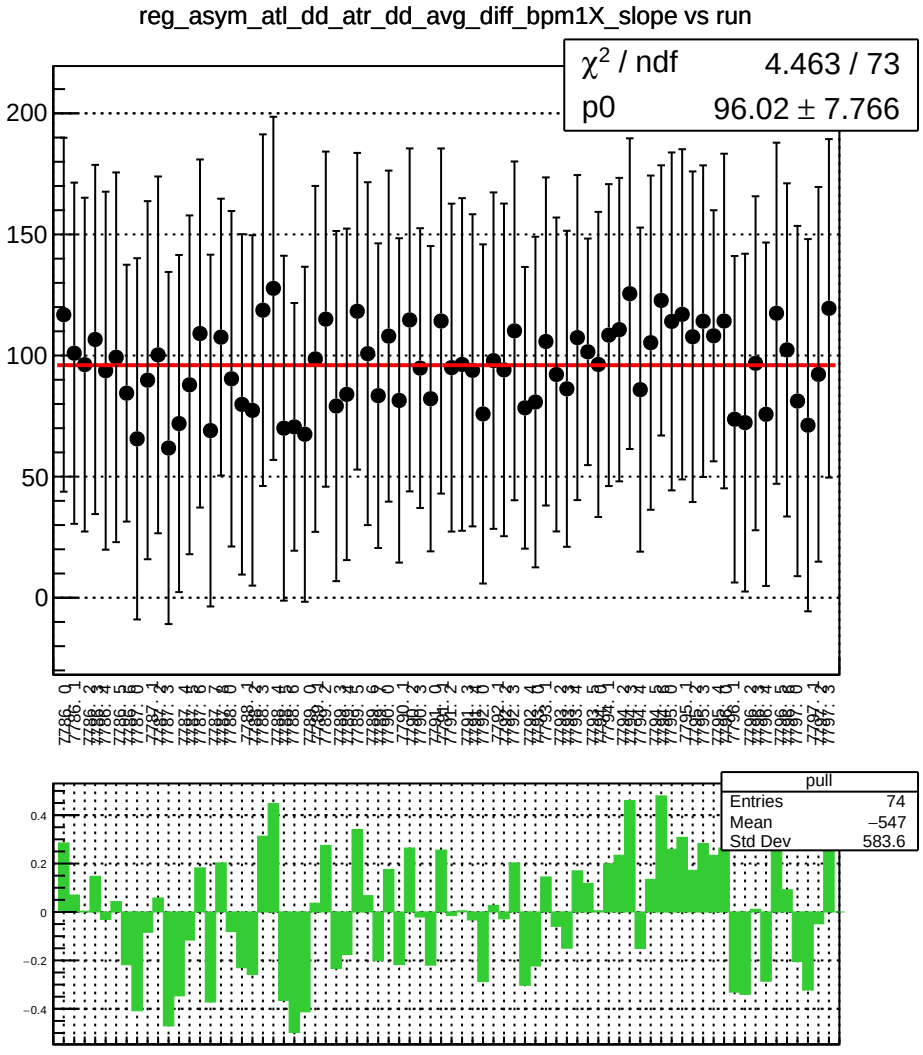

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs run
χ² / ndf 12.76 / 73
p0 −68.37 ± 5.484
pull
Entries 74
Mean 253.3
Std Dev 215.5

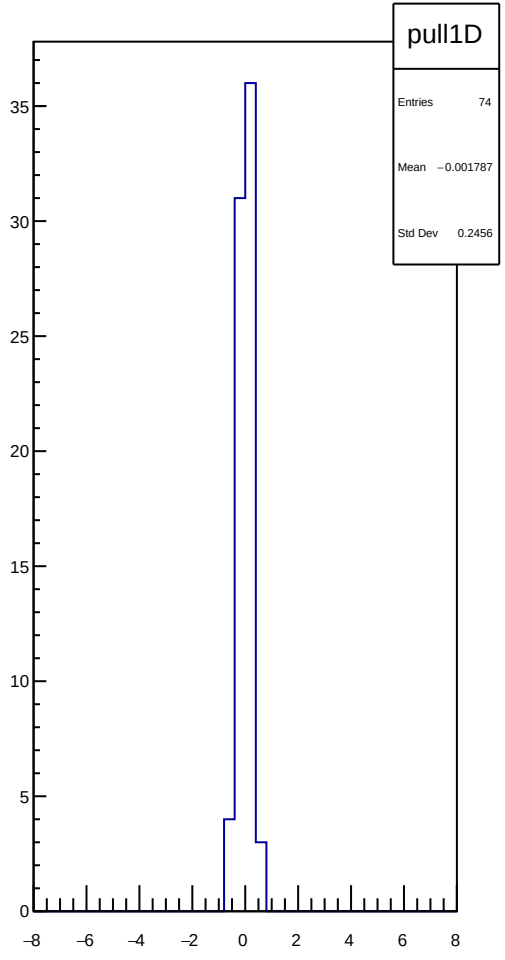

pull1D
Entries 74
Mean −0.004514
Std Dev 0.4152

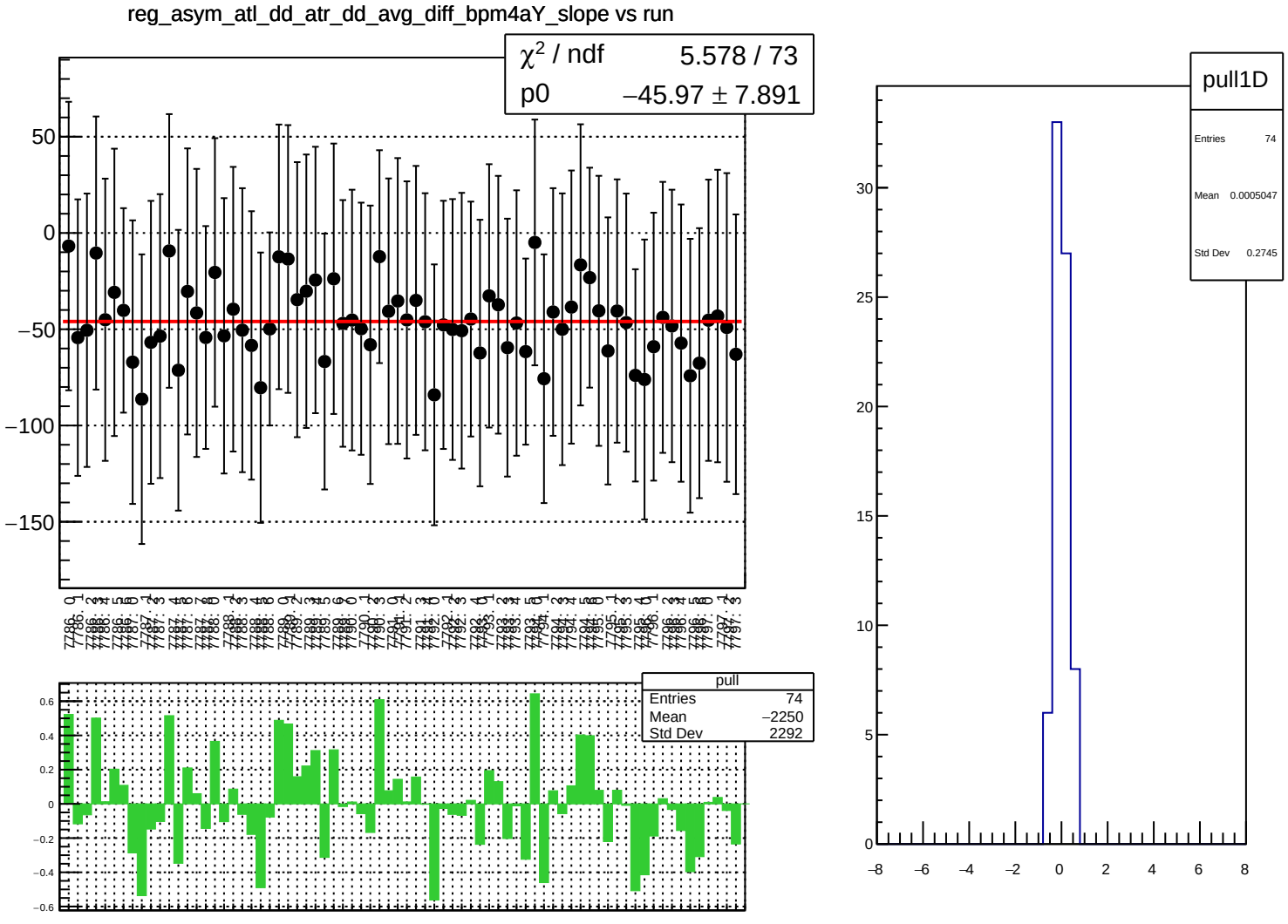

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs run
χ² / ndf 17.04 / 73
p0 −15.7 ± 7.258
pull
Entries 74
Mean 724.4
Std Dev 682.1

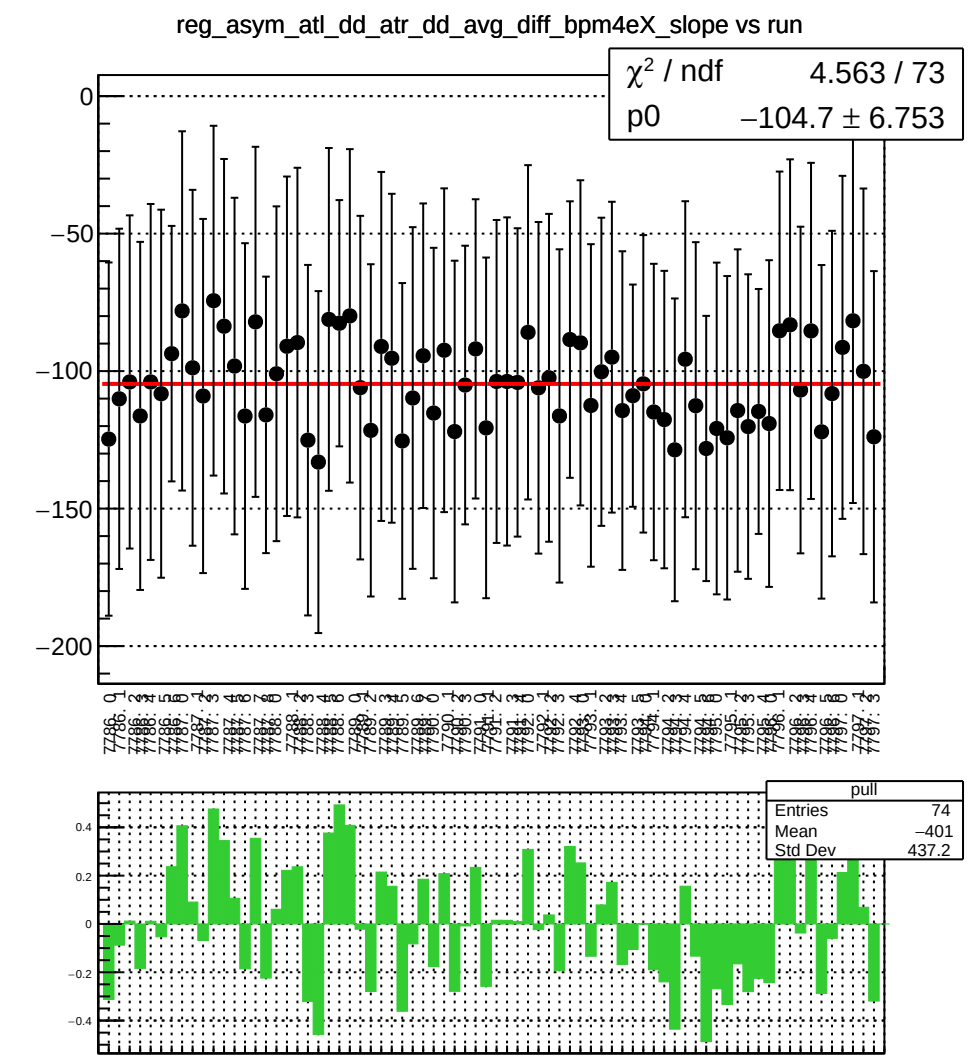

pull1D
Entries 74
Mean 0.002481
Std Dev 0.4798

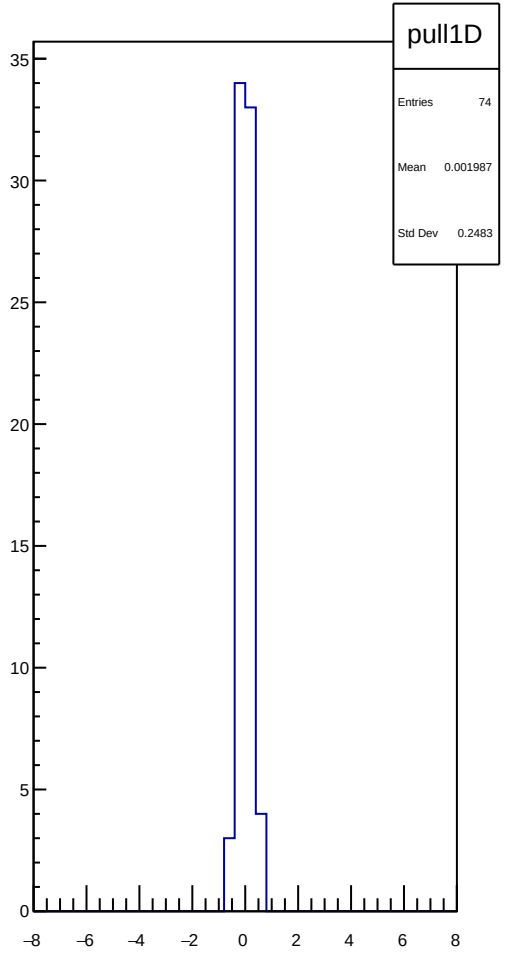

reg_asym_atr1l2_dd_diff_bpm12X_slope vs run
χ² / ndf 17.37 / 73
p0 98.15 ± 0.2253
pull
Entries 74
Mean 220.8
Std Dev 147.2
pull1D
Entries 74
Mean −0.004855
Std Dev 0.4845

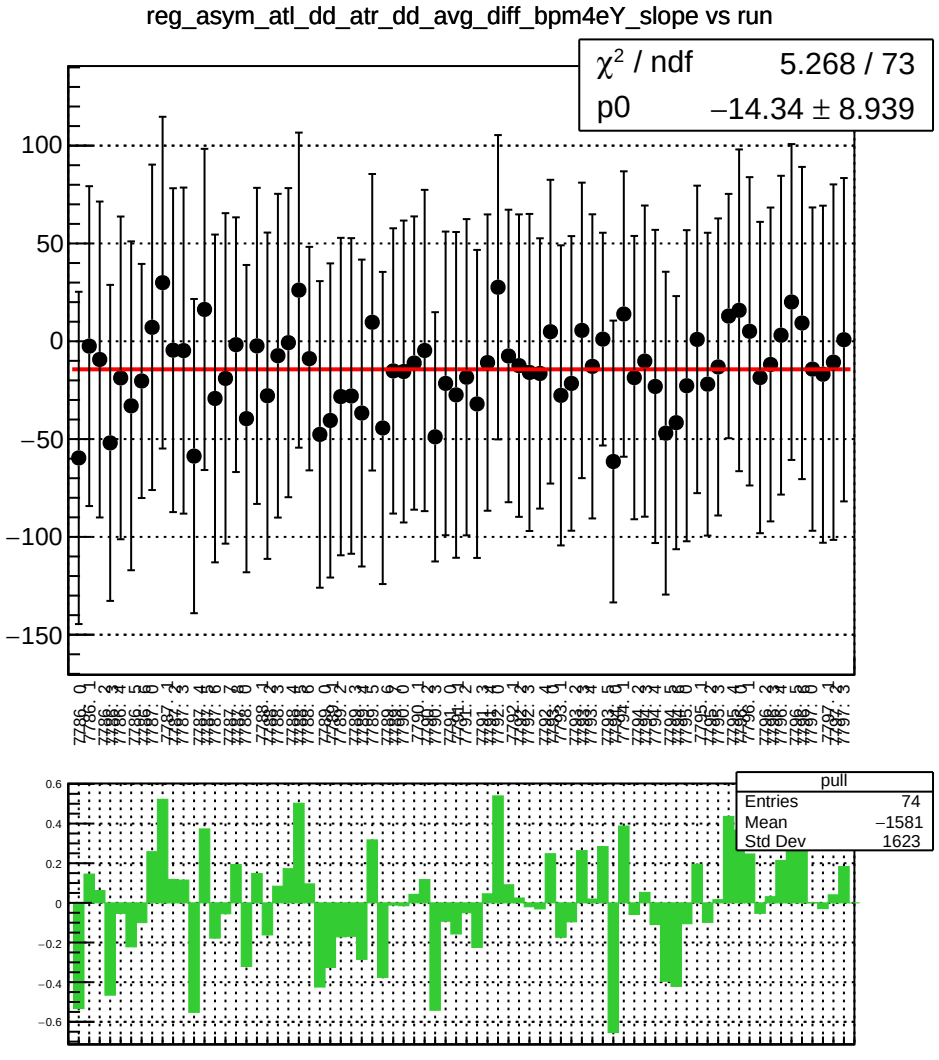

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs run
χ² / ndf 4.463 / 73
p0 96.02 ± 7.766
200
150
100
50
0
pull
Entries 74
Mean −547
Std Dev 583.6
0.4
0.2
0
−0.2
−0.4

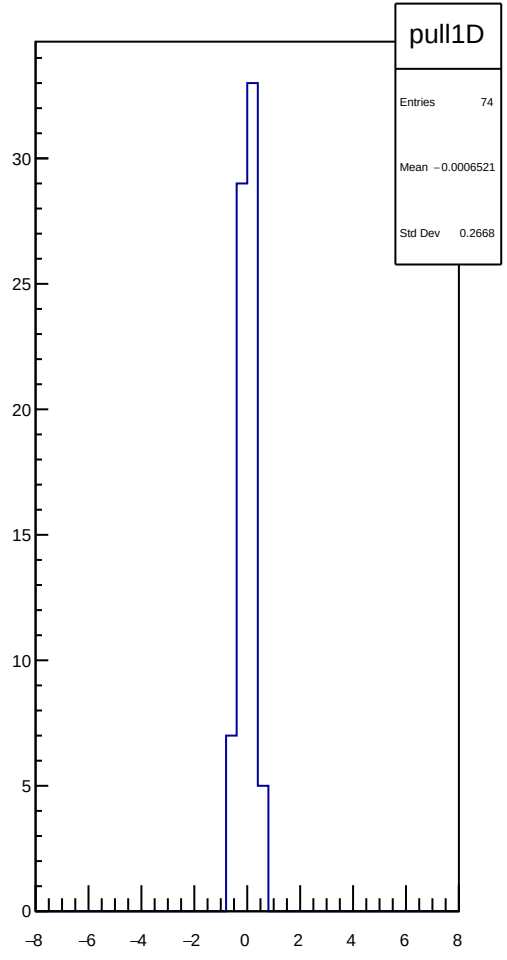

pull1D
Entries 74
Mean −0.001787
Std Dev 0.2456
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

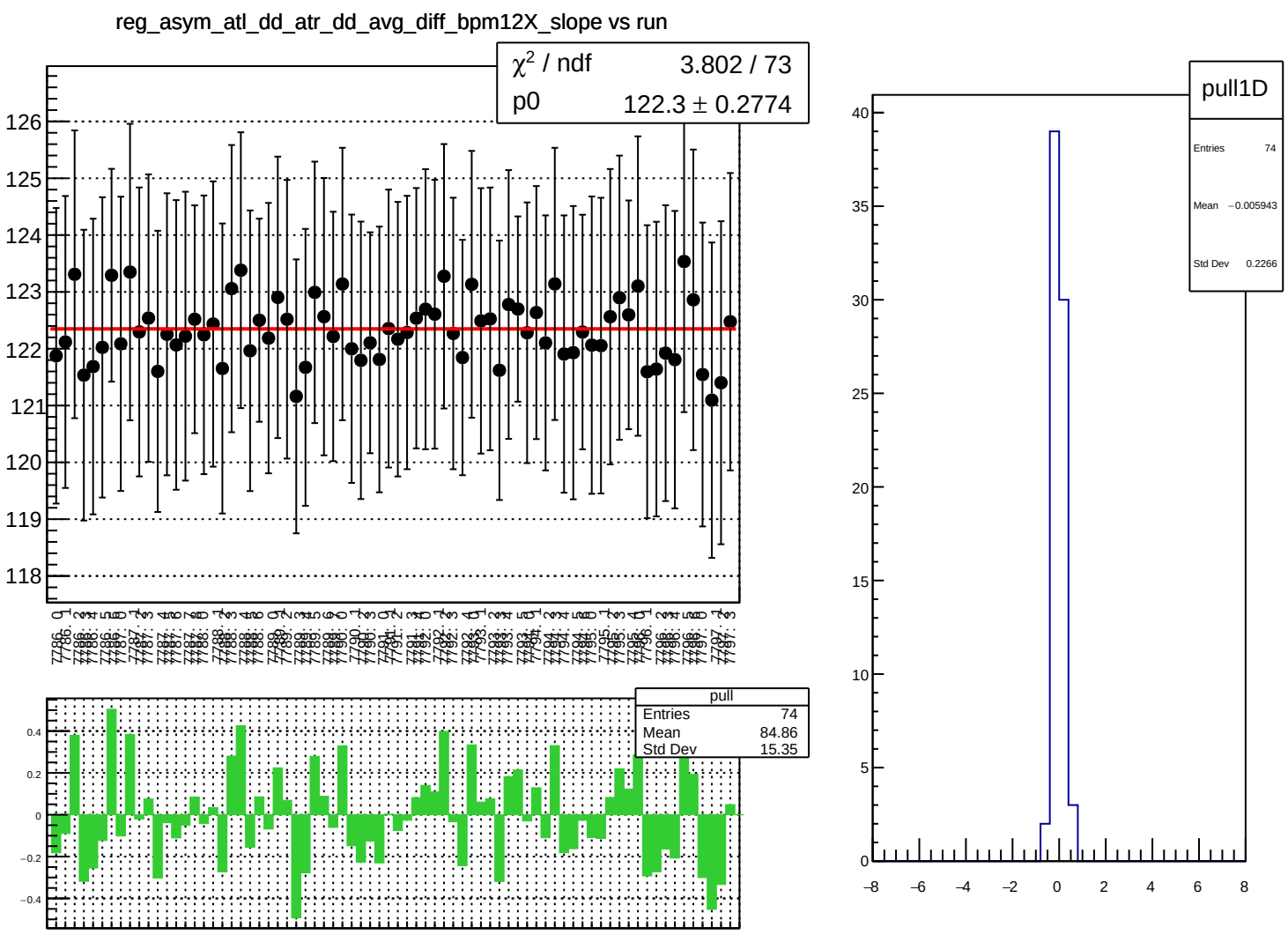

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs run
χ² / ndf 5.578 / 73
p0 −45.97 ± 7.891
50
0
−50
−100
−150
pull
Entries 74
Mean −2250
Std Dev 2292
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
pull1D
Entries 74
Mean 0.0005047
Std Dev 0.2745
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

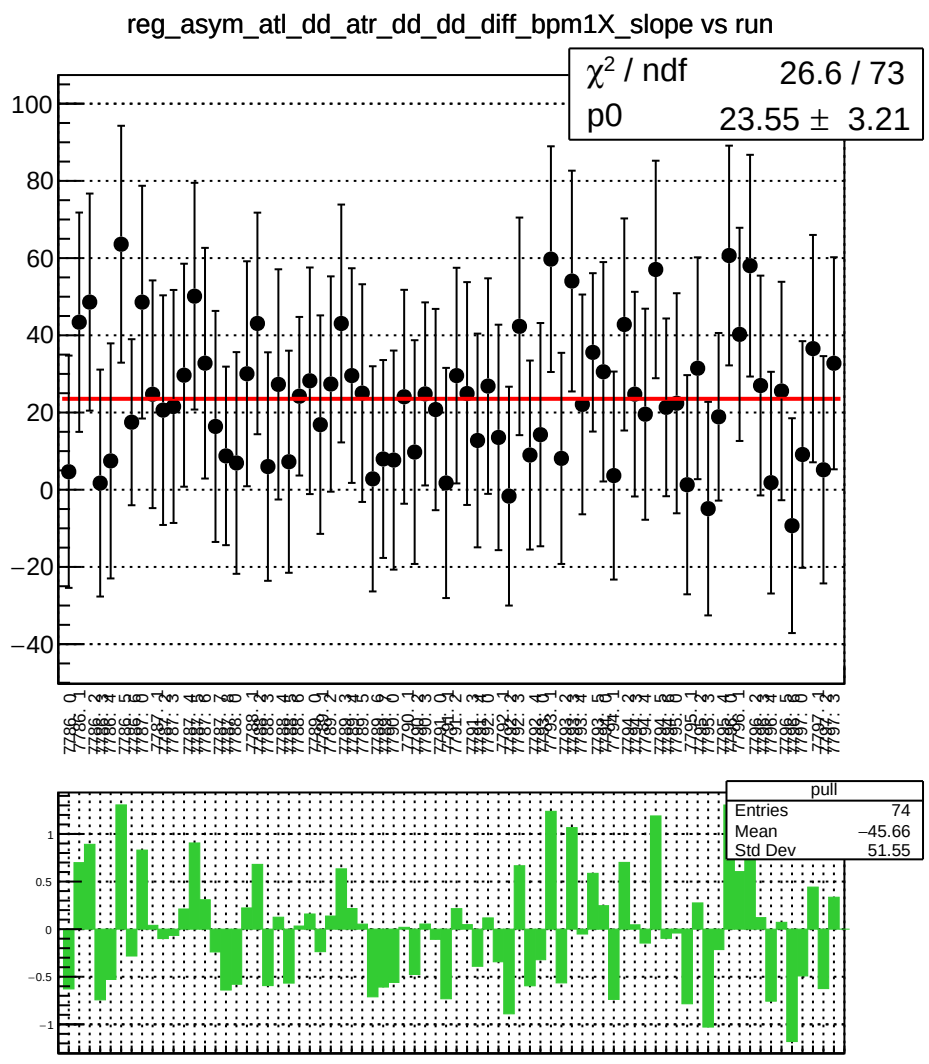

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs run
χ² / ndf 4.563 / 73
p0 −104.7 ± 6.753
pull
Entries 74
Mean −401
Std Dev 437.2

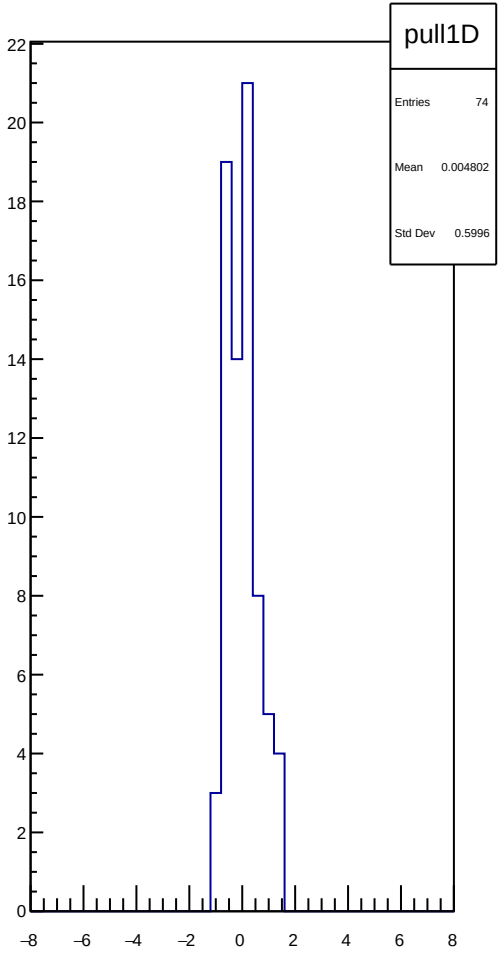

pull1D
Entries 74
Mean 0.001987
Std Dev 0.2483

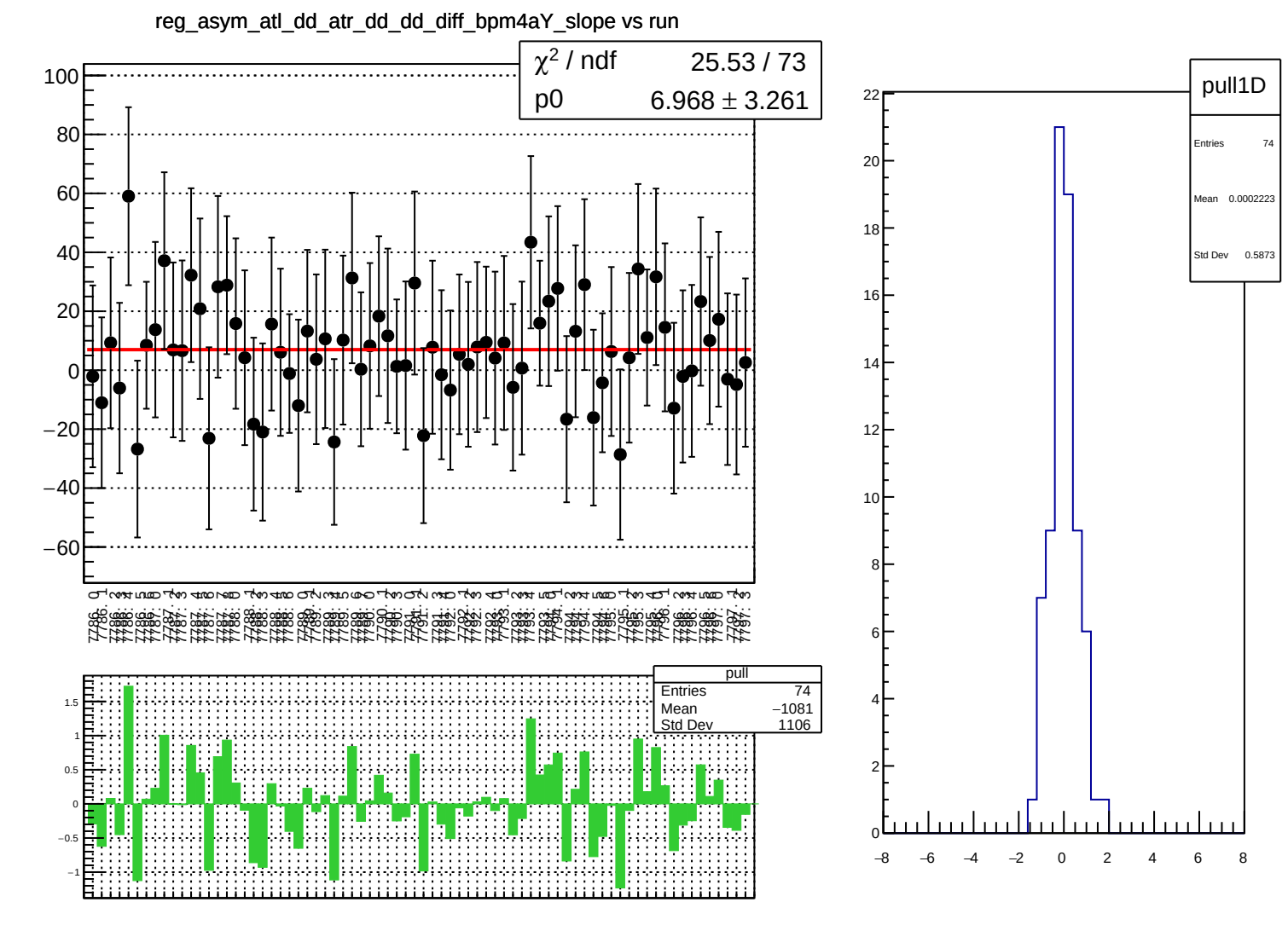

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs run
χ² / ndf 5.268 / 73
p0 −14.34 ± 8.939
pull
Entries 74
Mean −1581
Std Dev 1623

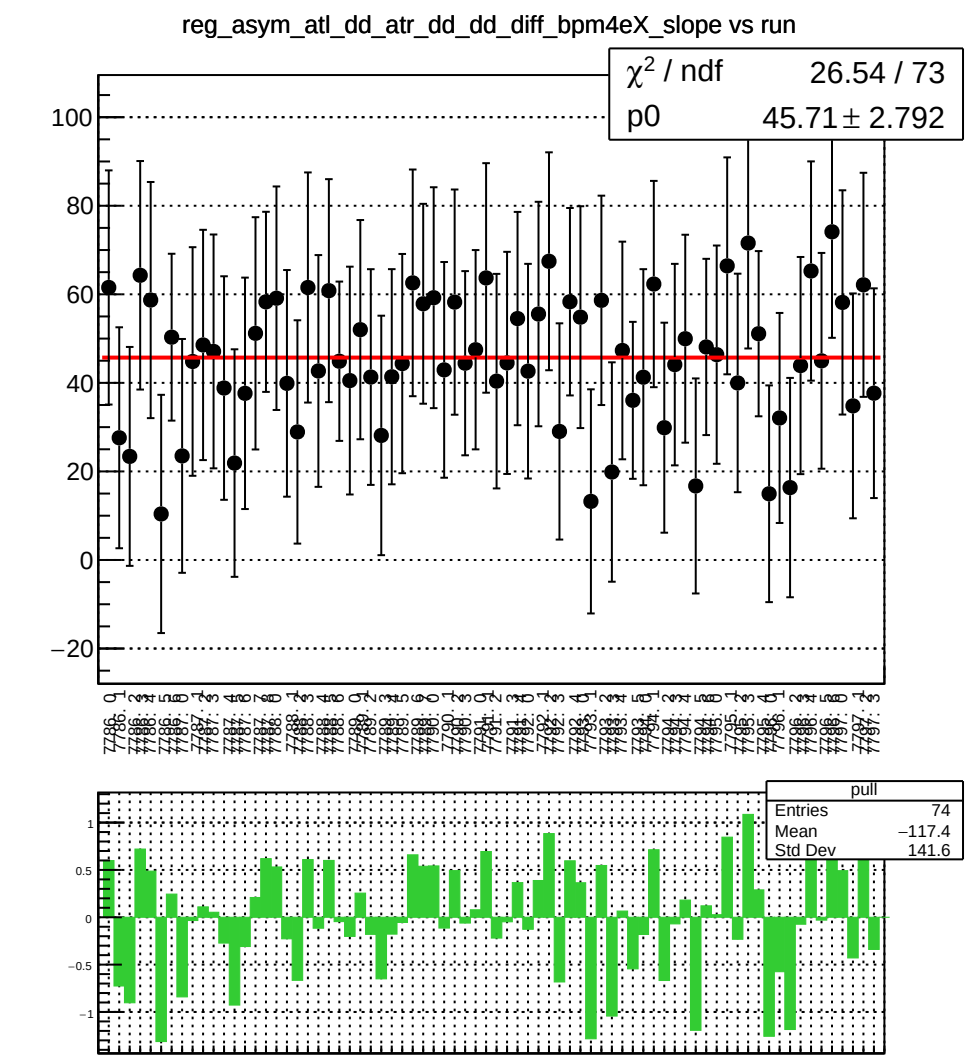

pull1D
Entries 74
Mean −0.0006521
Std Dev 0.2668

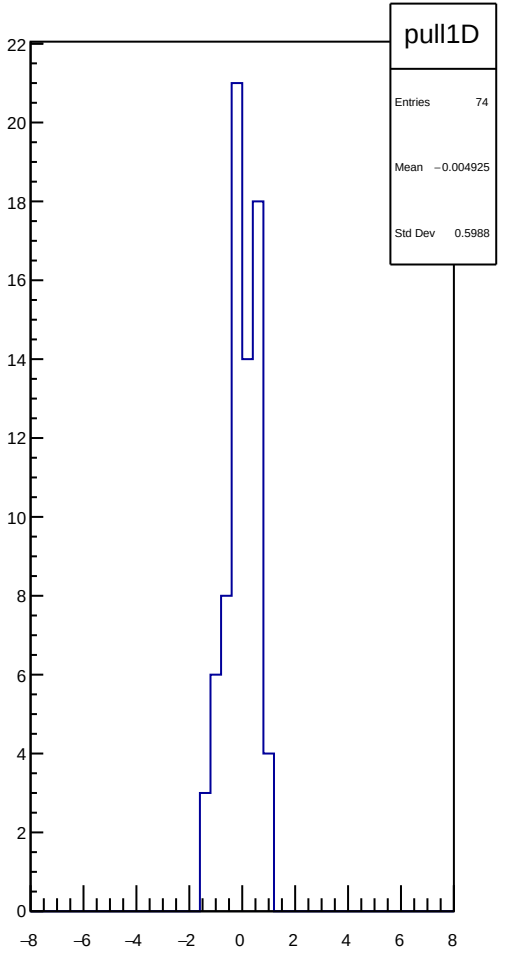

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs run
χ² / ndf 3.802 / 73
p0 122.3 ± 0.2774
pull
Entries 74
Mean 84.86
Std Dev 15.35
pull1D
Entries 74
Mean −0.005943
Std Dev 0.2266

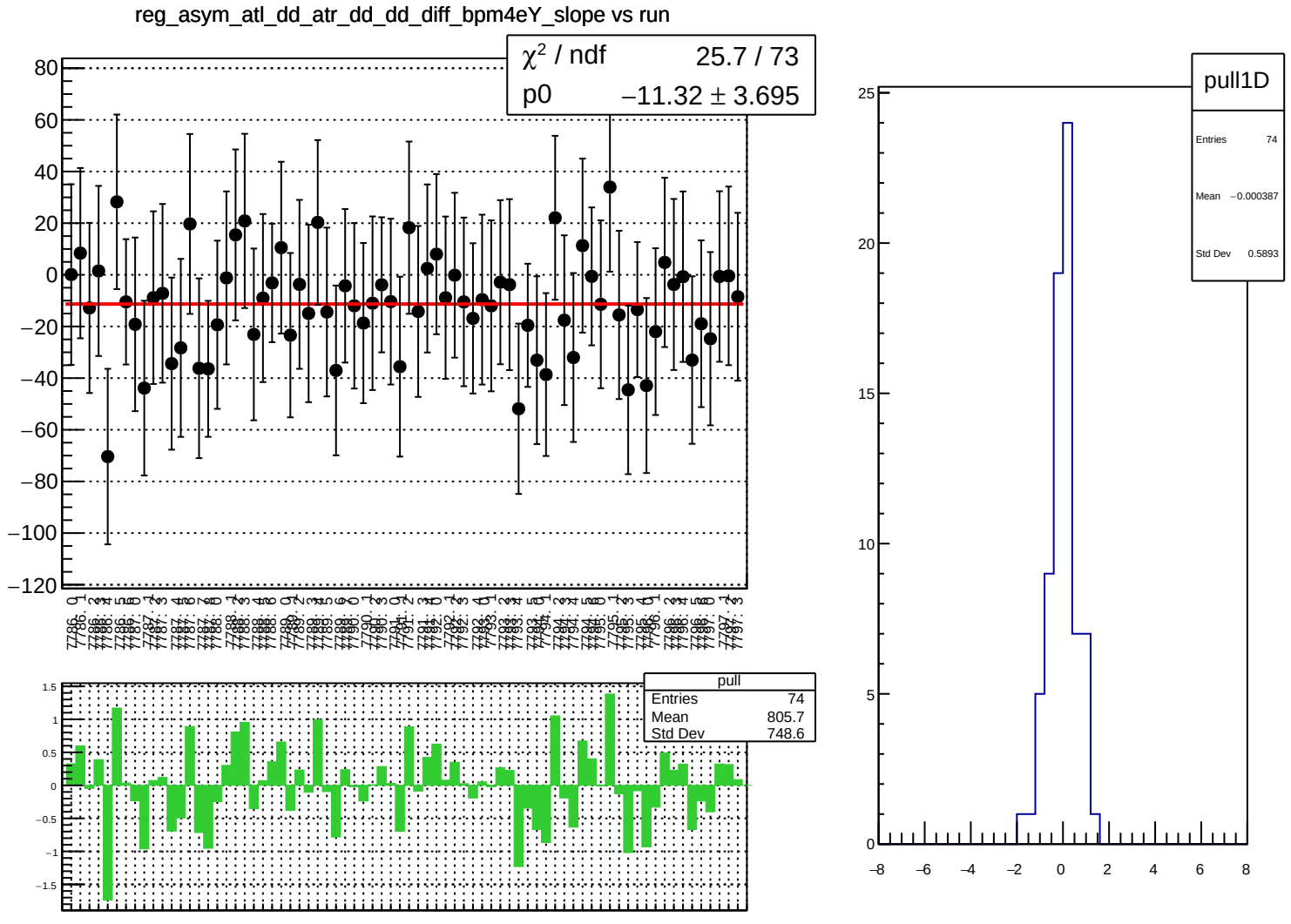

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs run
χ² / ndf 26.6 / 73
p0 23.55 ± 3.21
pull
Entries 74
Mean −45.66
Std Dev 51.55

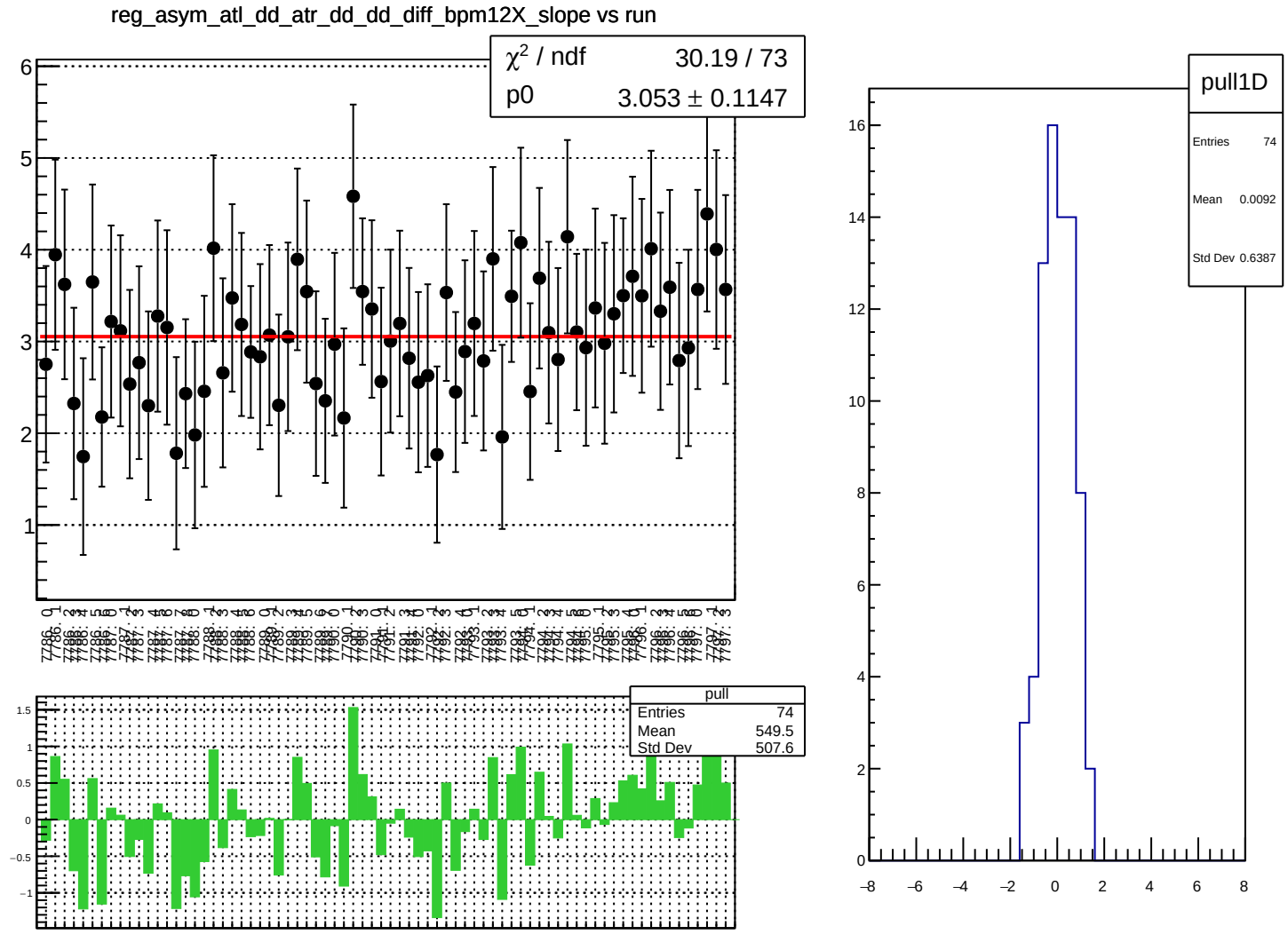

pull1D
Entries 74
Mean 0.004802
Std Dev 0.5996

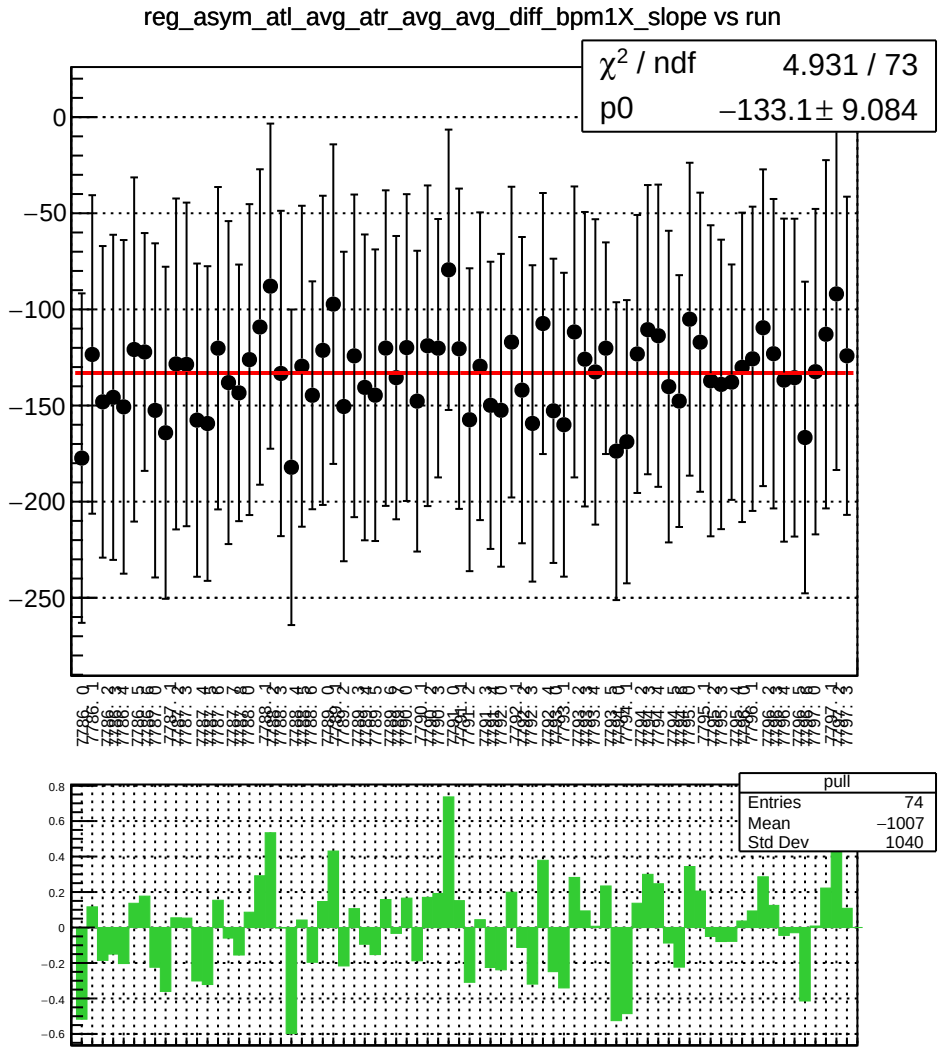

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs run
χ² / ndf 25.53 / 73
p0 6.968 ± 3.261
pull
Entries 74
Mean −1081
Std Dev 1106
pull1D
Entries 74
Mean 0.0002223
Std Dev 0.5873

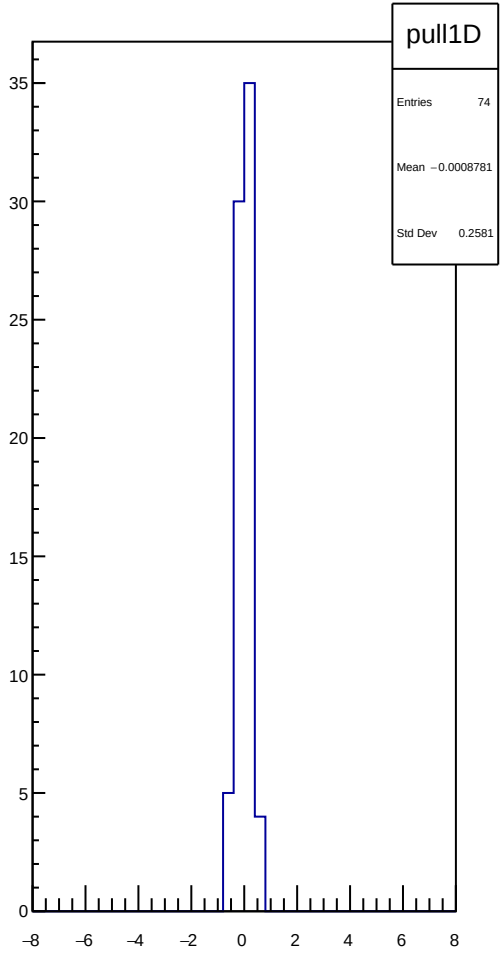

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs run
χ² / ndf 26.54 / 73
p0 45.71 ± 2.792
pull
Entries 74
Mean −117.4
Std Dev 141.6

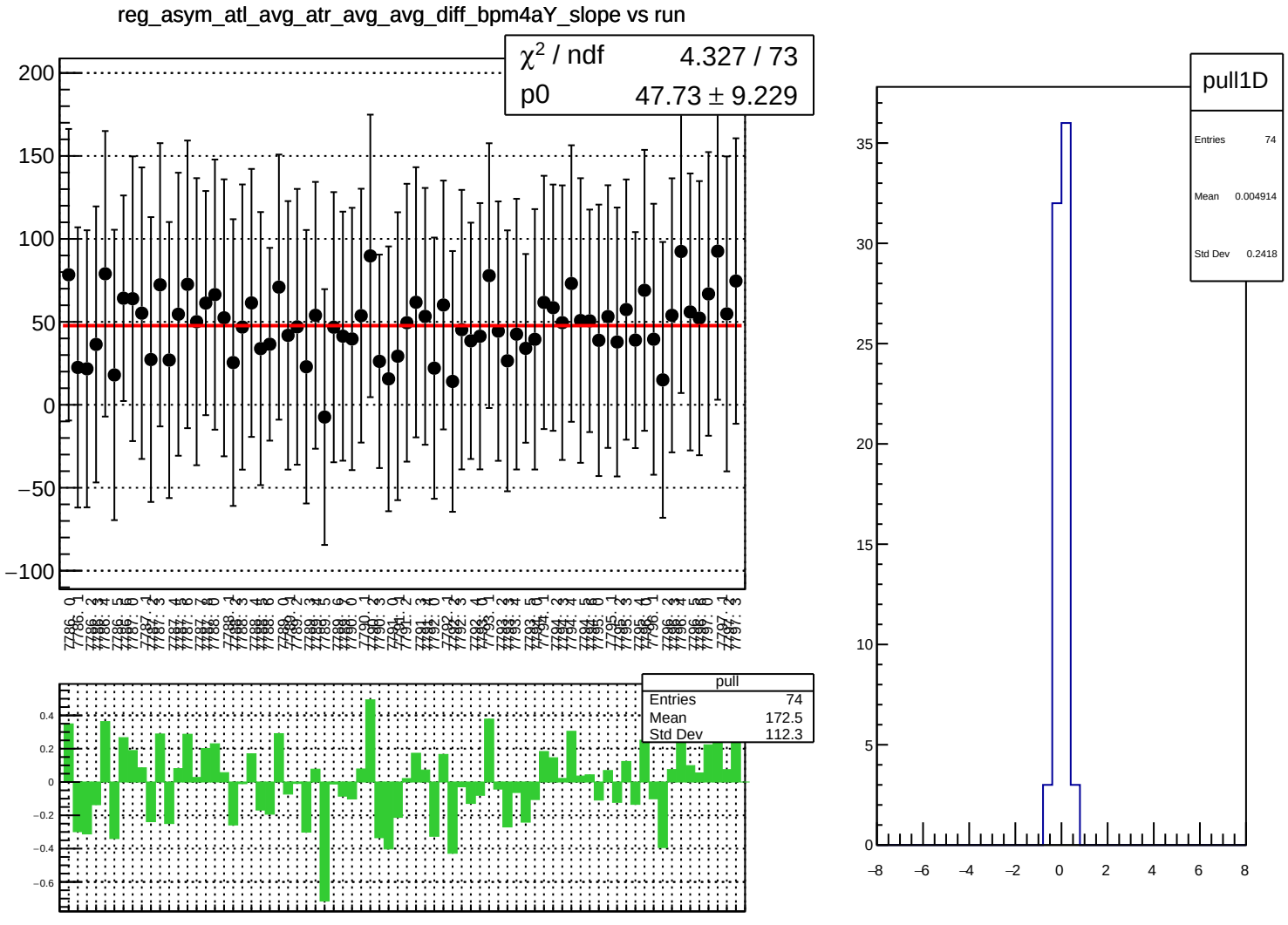

pull1D
Entries 74
Mean −0.004925
Std Dev 0.5988

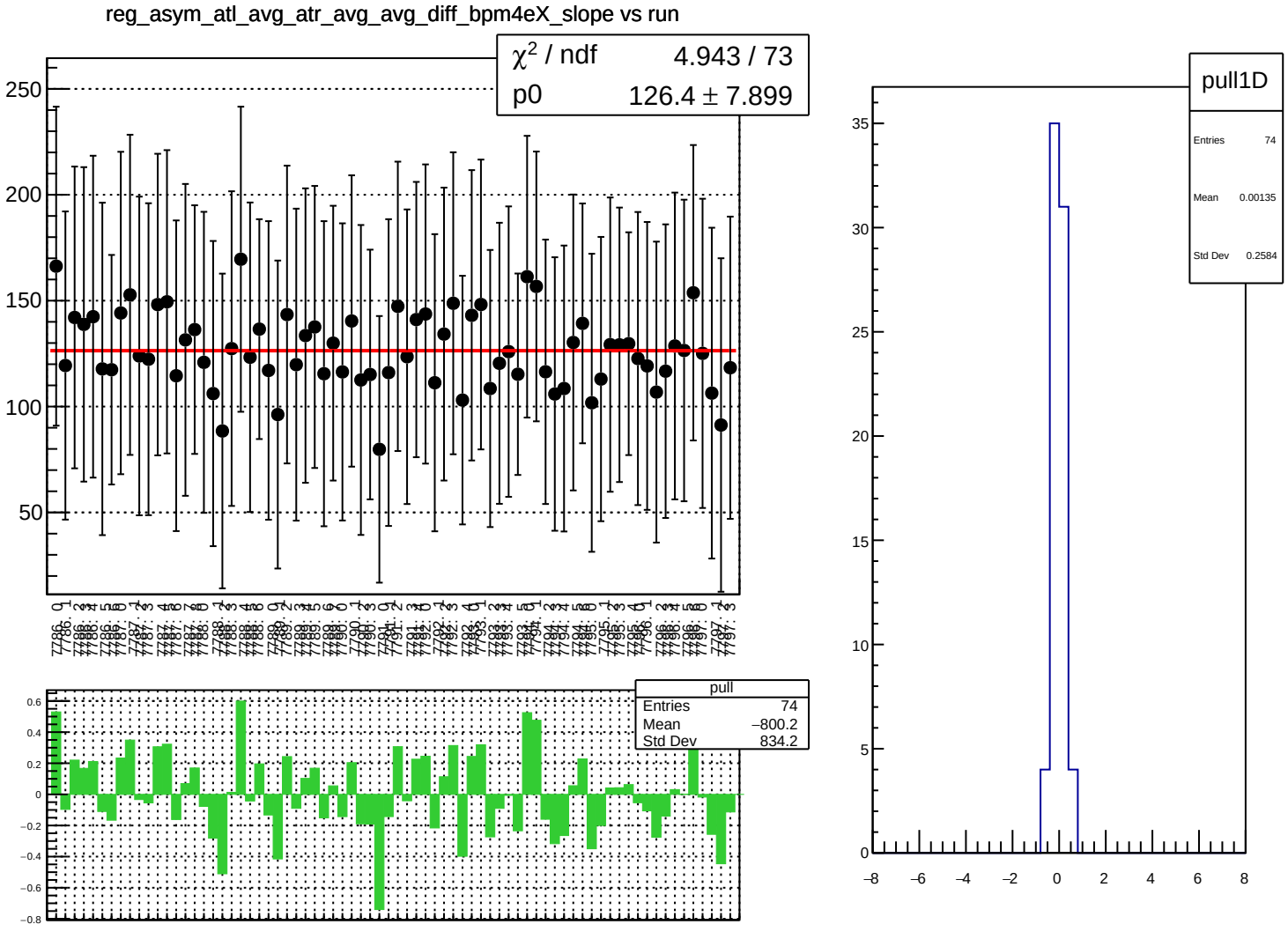

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs run
χ² / ndf 25.7 / 73
p0 −11.32 ± 3.695
pull
Entries 74
Mean 805.7
Std Dev 748.6
pull1D
Entries 74
Mean −0.000387
Std Dev 0.5893

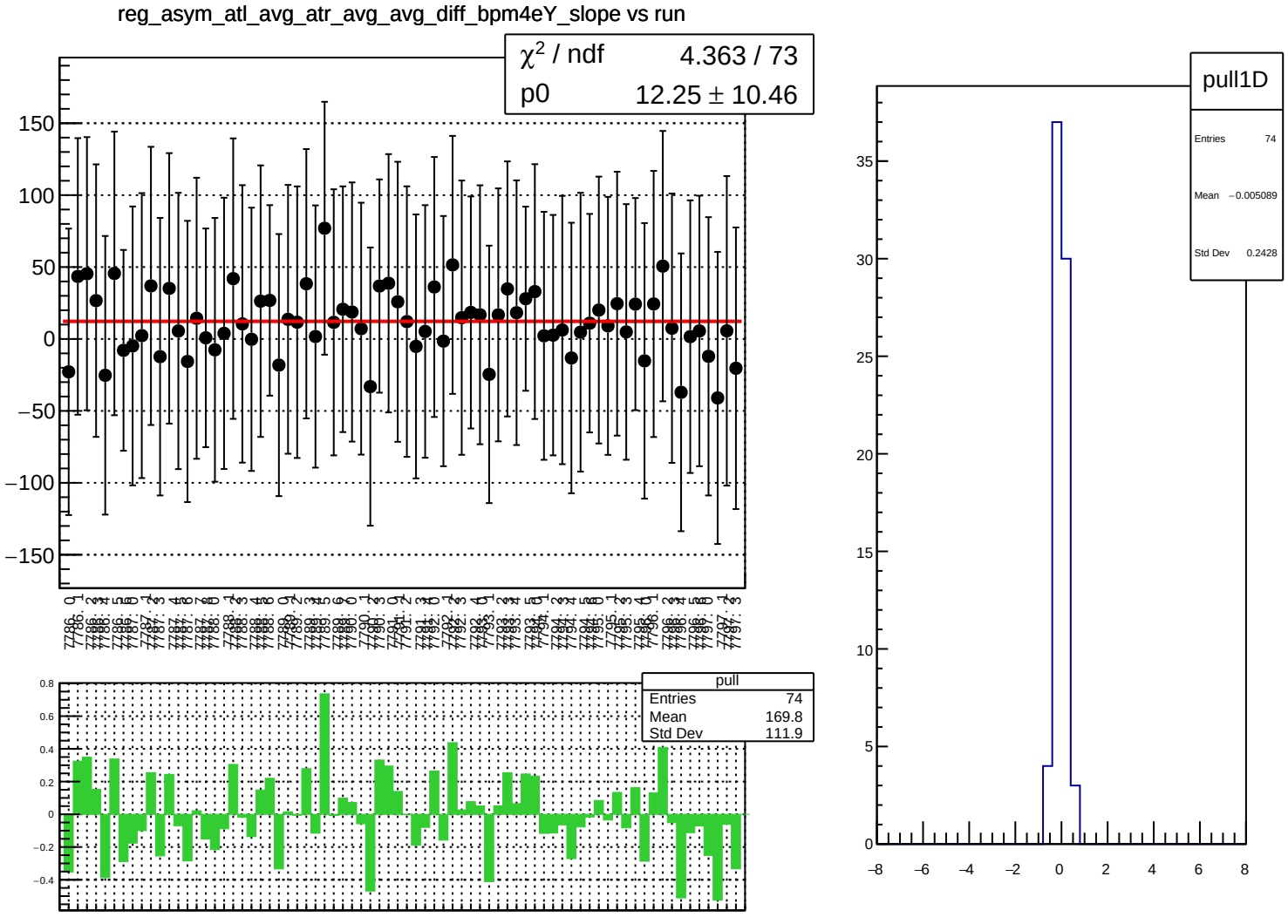

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs run
χ² / ndf 30.19 / 73
p0 3.053 ± 0.1147
pull
Entries 74
Mean 549.5
Std Dev 507.6
pull1D
Entries 74
Mean 0.0092
Std Dev 0.6387

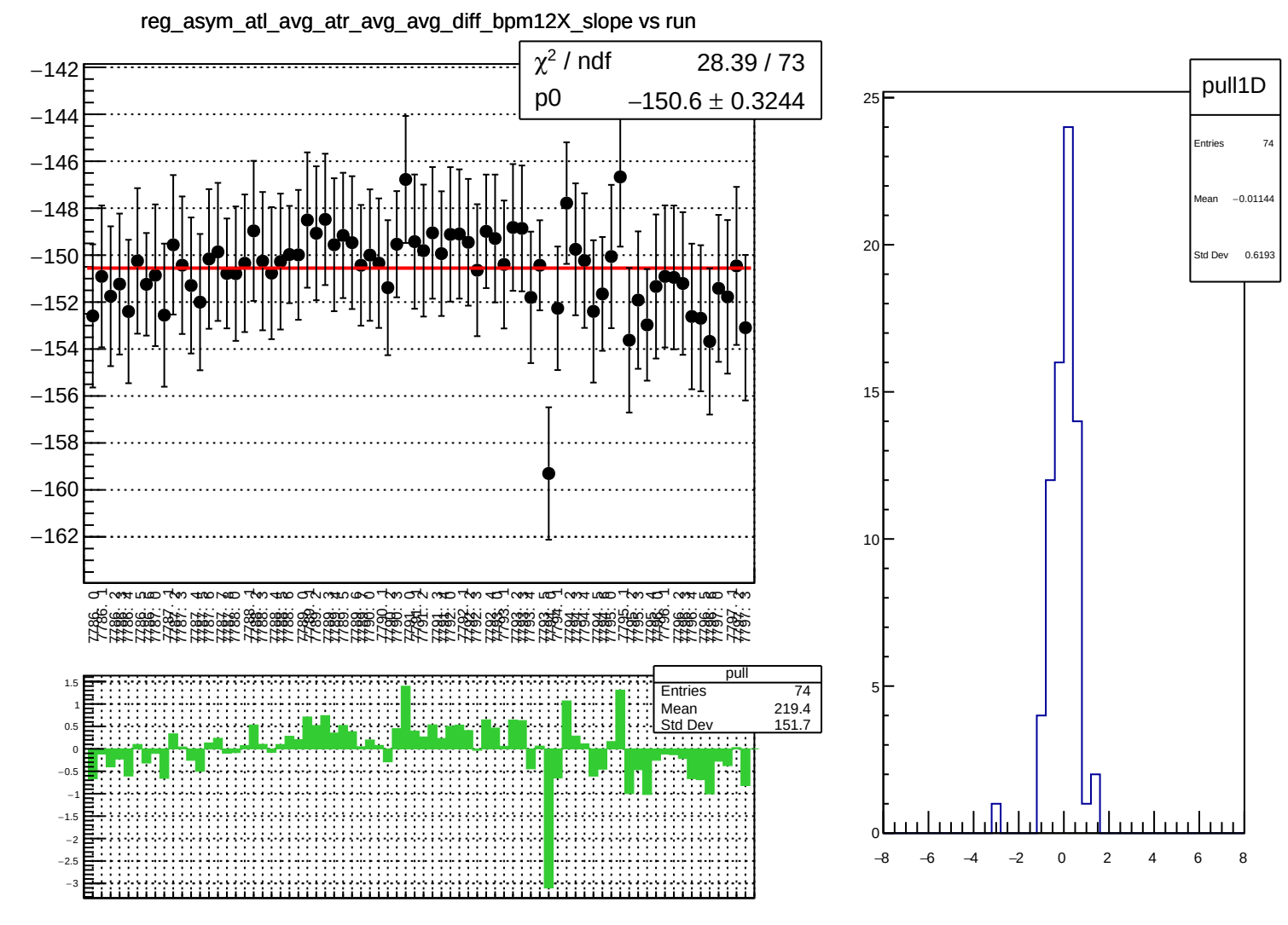

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs run
χ² / ndf 4.931 / 73
p0 −133.1± 9.084
pull
Entries 74
Mean −1007
Std Dev 1040

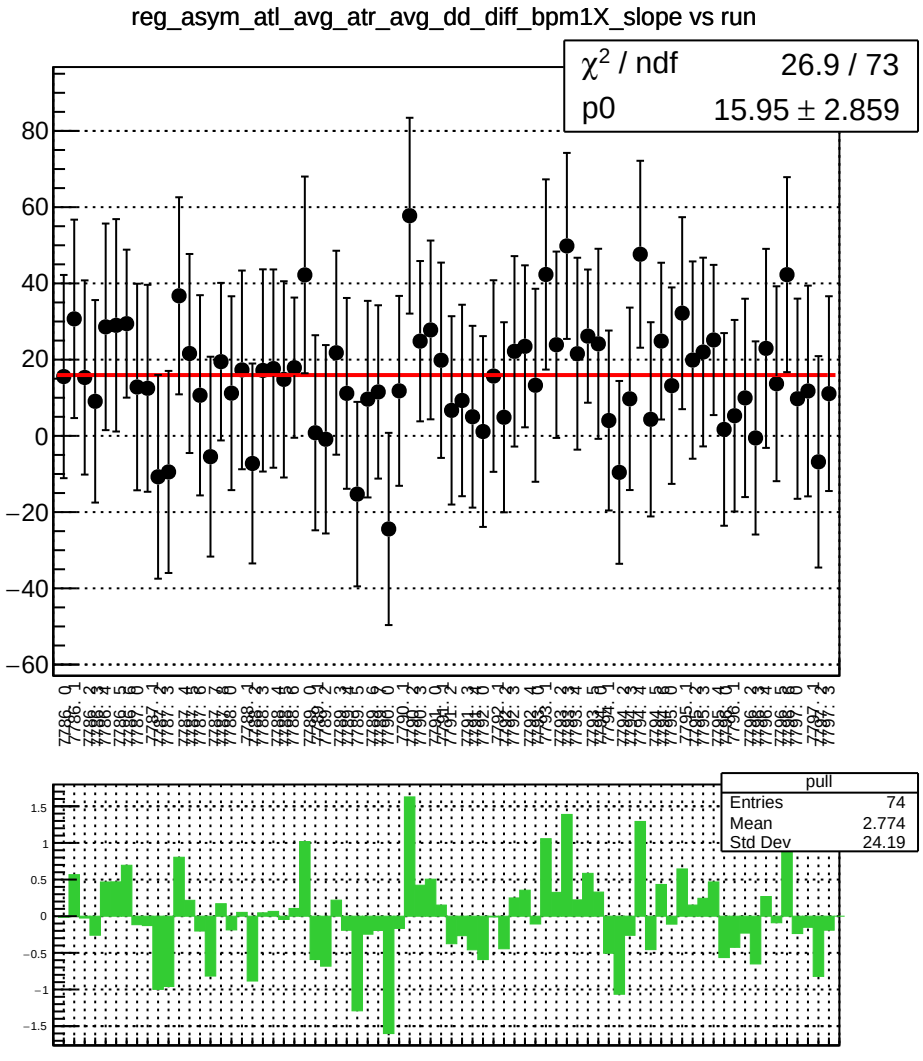

pull1D
Entries 74
Mean −0.0008781
Std Dev 0.2581

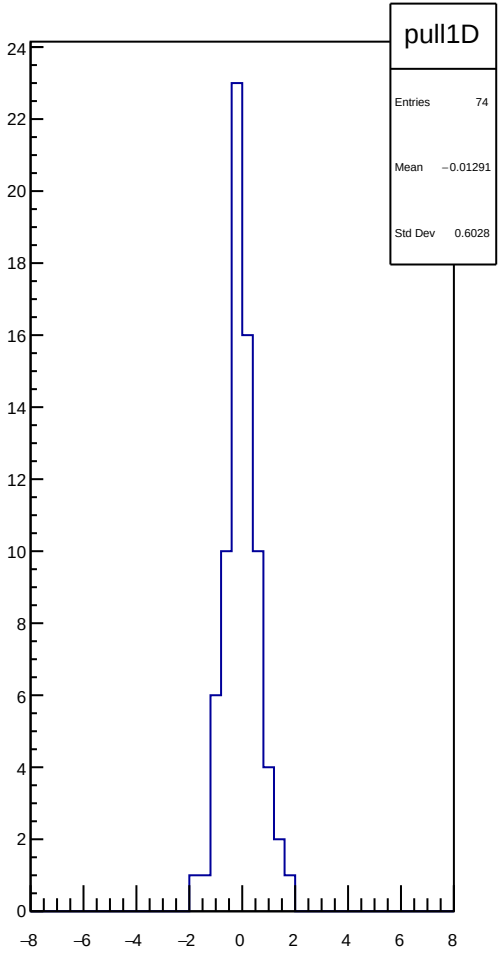

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs run
χ² / ndf 4.327 / 73
p0 47.73 ± 9.229
pull
Entries 74
Mean 172.5
Std Dev 112.3
pull1D
Entries 74
Mean 0.004914
Std Dev 0.2418

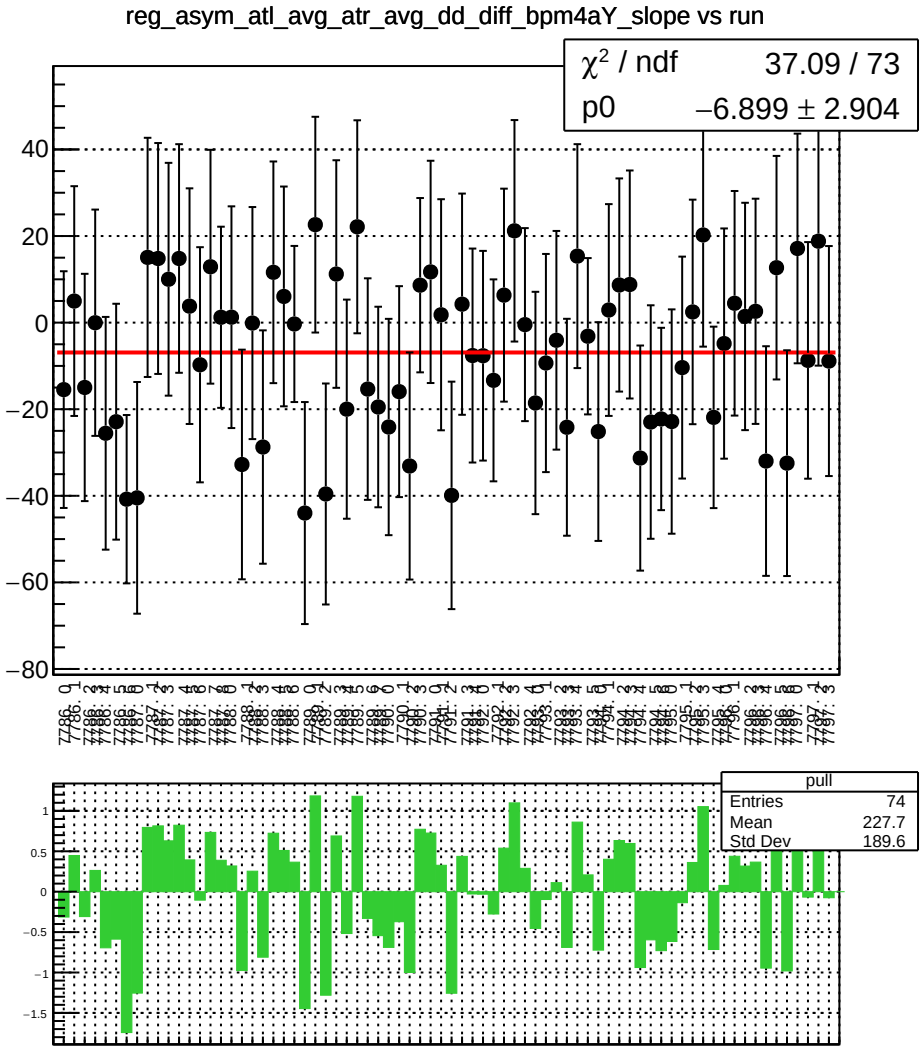

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs run
χ² / ndf 4.943 / 73
p0 126.4 ± 7.899
pull
Entries 74
Mean −800.2
Std Dev 834.2
pull1D
Entries 74
Mean 0.00135
Std Dev 0.2584

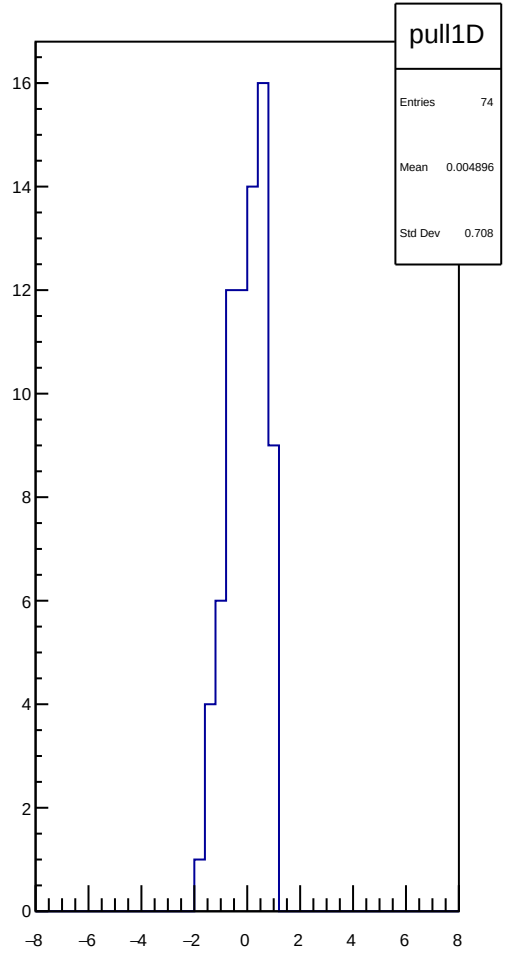

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs run
χ² / ndf 4.363 / 73
p0 12.25 ± 10.46
pull
Entries 74
Mean 169.8
Std Dev 111.9
pull1D
Entries 74
Mean −0.005089
Std Dev 0.2428

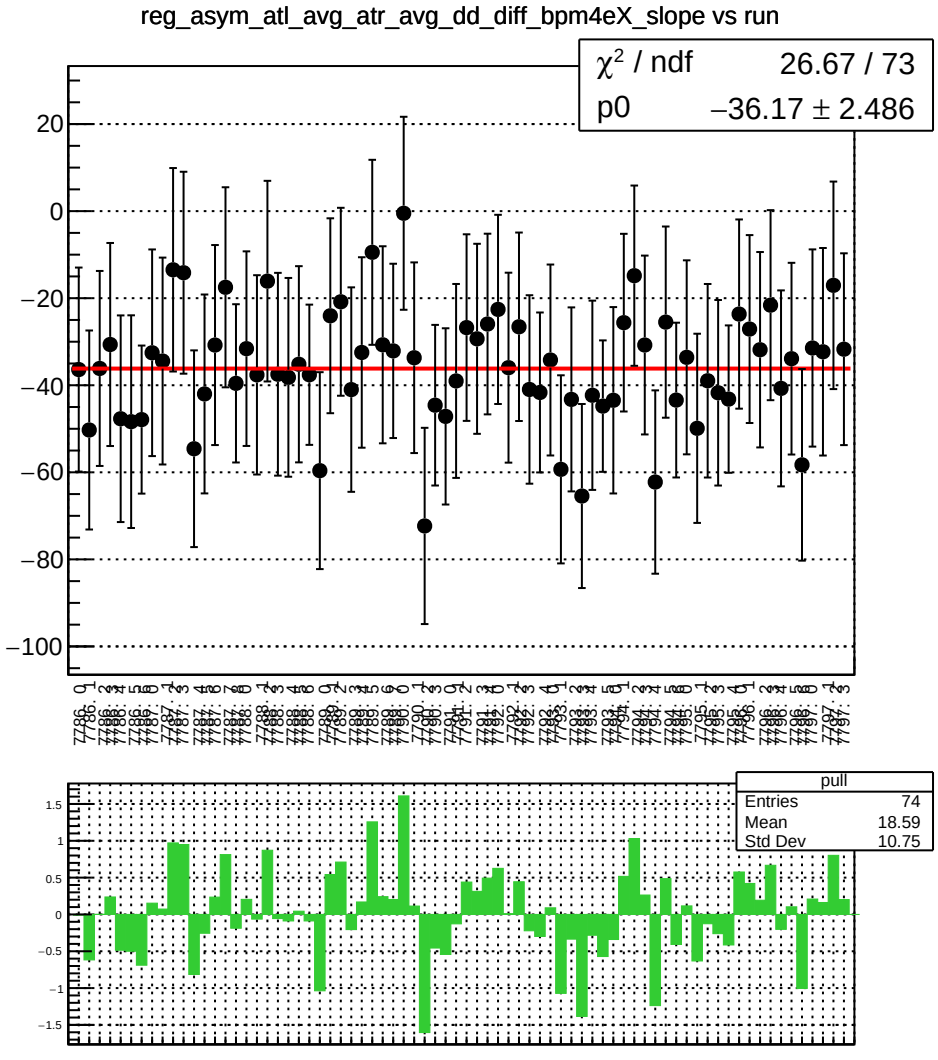

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs run
χ² / ndf 28.39 / 73
p0 −150.6 ± 0.3244
pull
Entries 74
Mean 219.4
Std Dev 151.7
pull1D
Entries 74
Mean −0.01144
Std Dev 0.6193

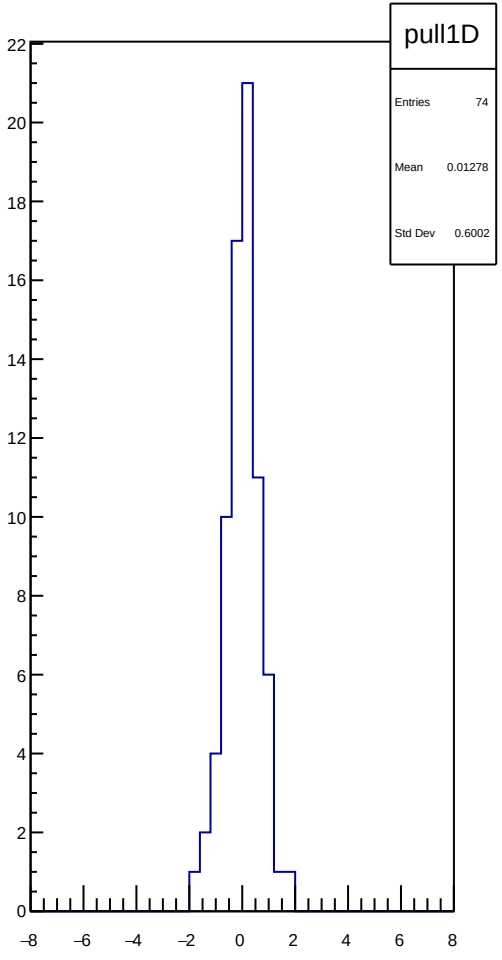

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs run
χ² / ndf 26.9 / 73
p0 15.95 ± 2.859
pull
Entries 74
Mean 2.774
Std Dev 24.19

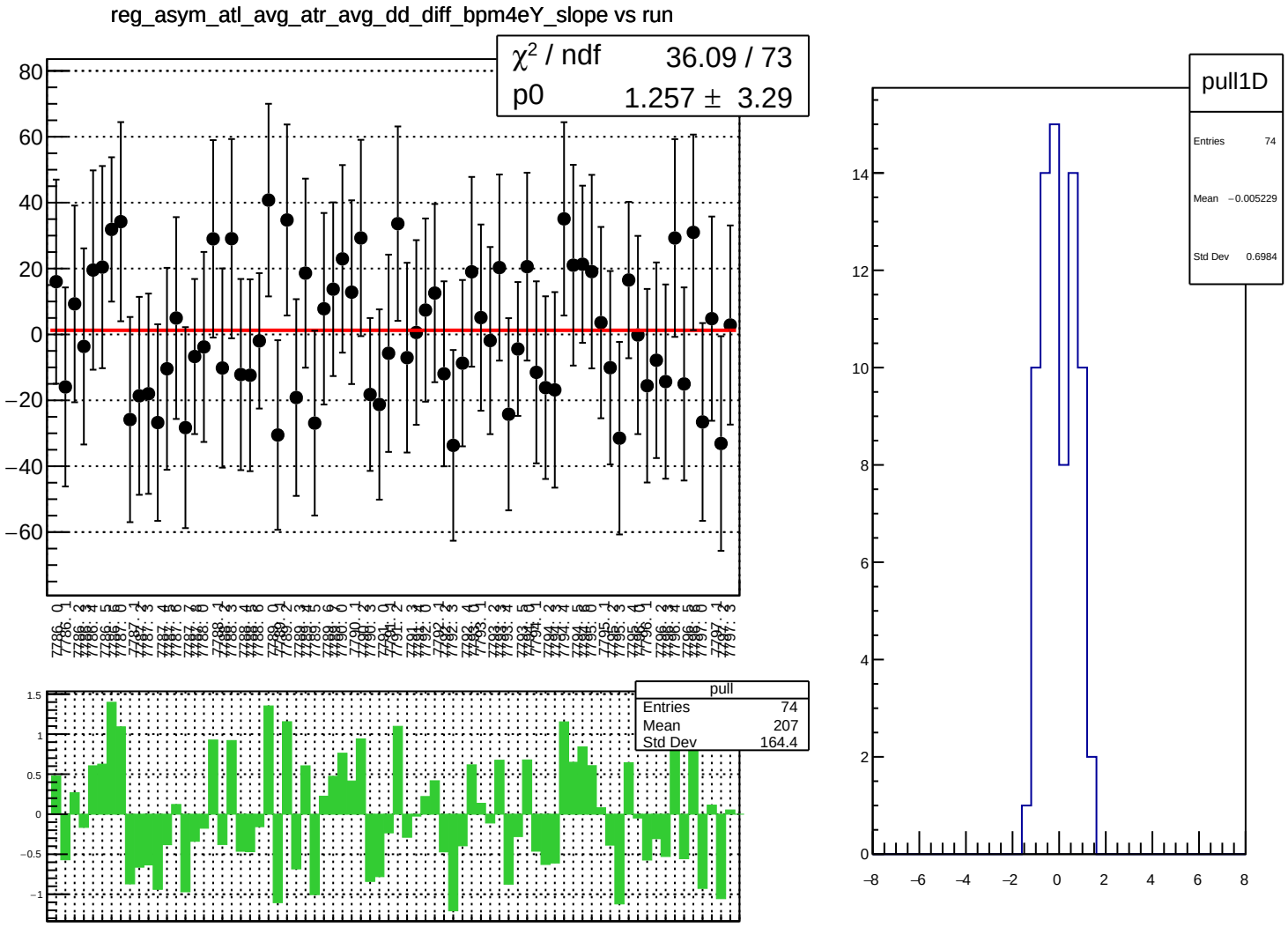

pull1D
Entries 74
Mean −0.01291
Std Dev 0.6028

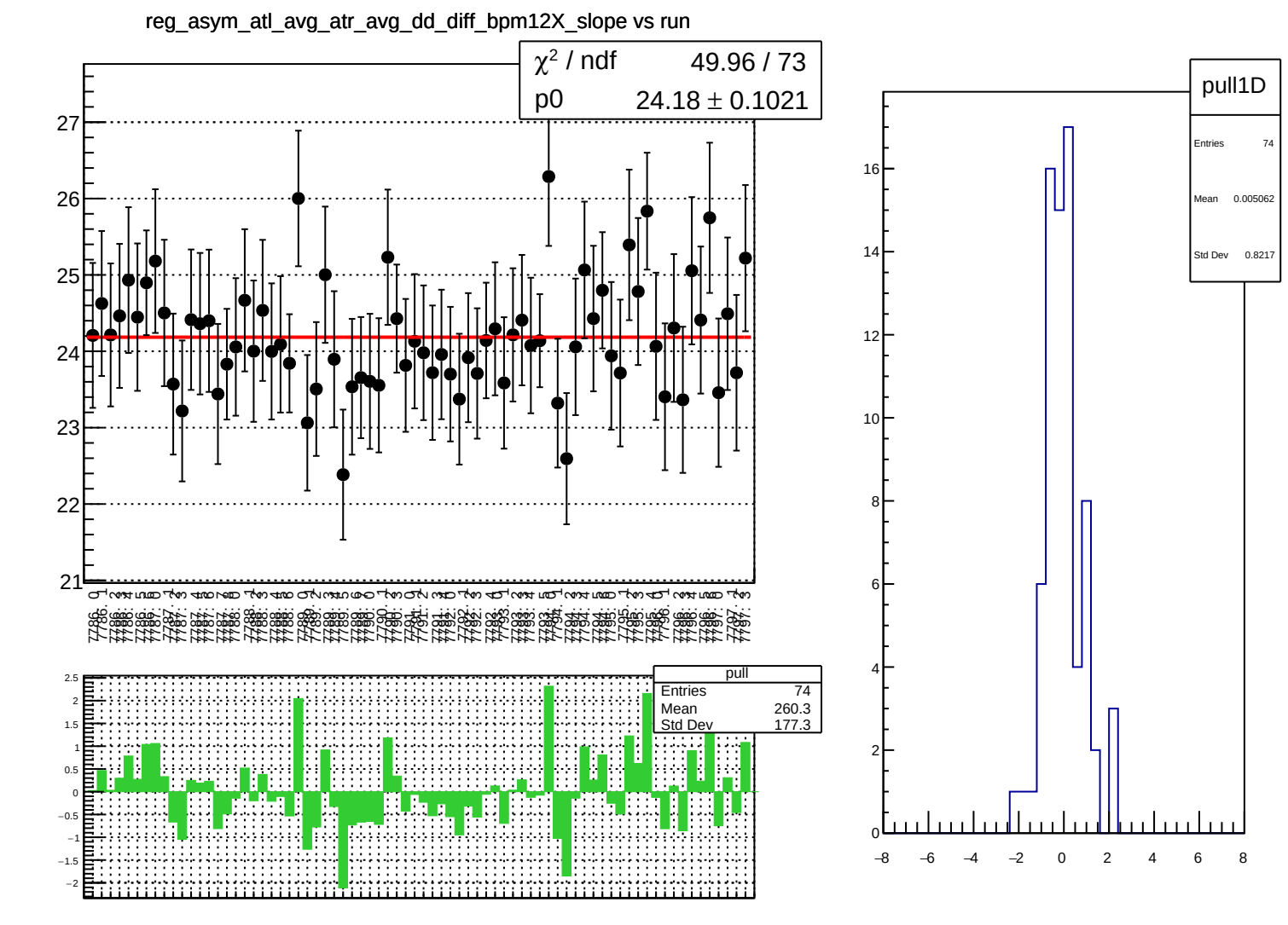

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs run
χ² / ndf 37.09 / 73
p0 −6.899 ± 2.904
pull
Entries 74
Mean 227.7
Std Dev 189.6

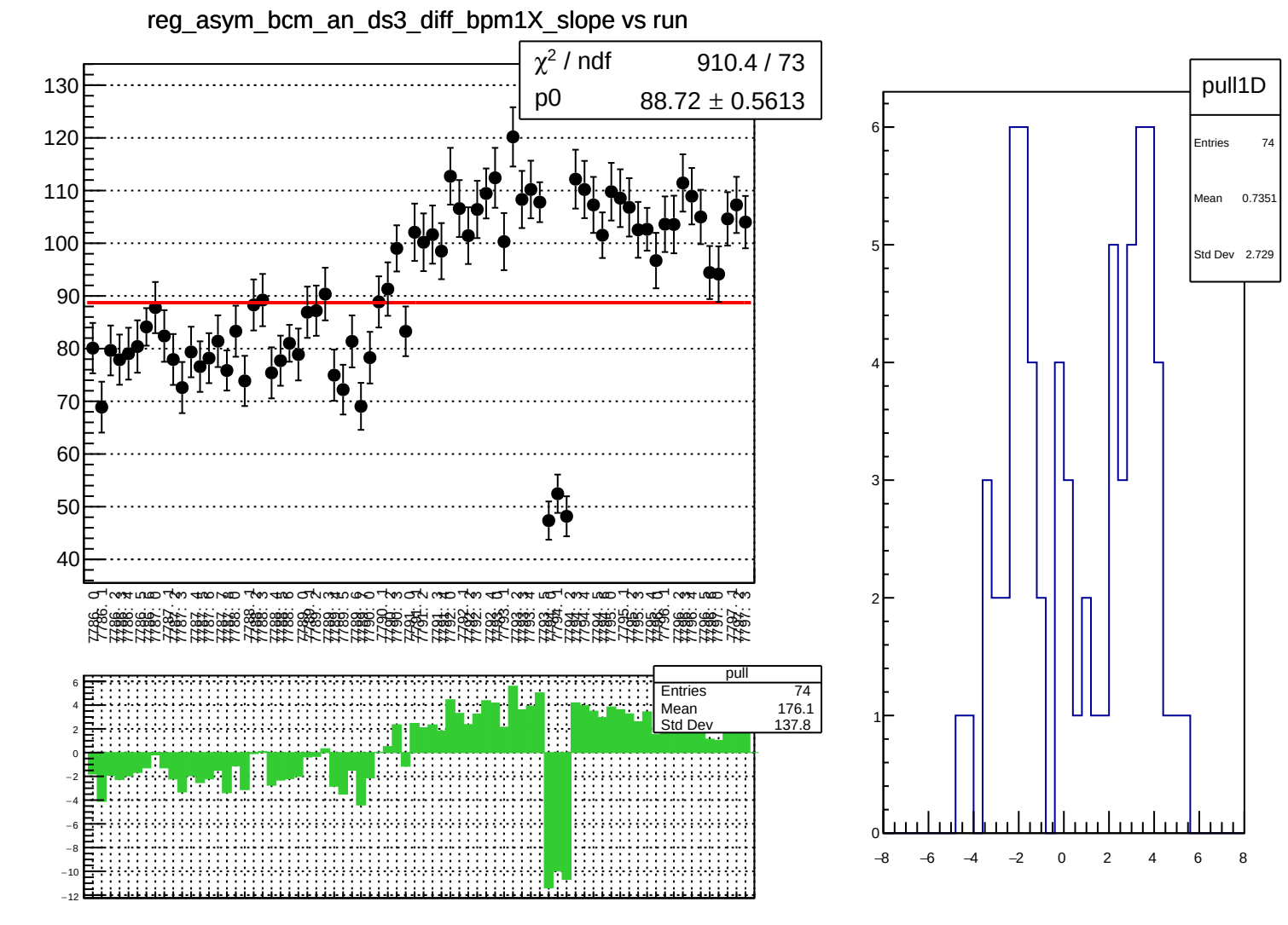

pull1D
Entries 74
Mean 0.004896
Std Dev 0.708

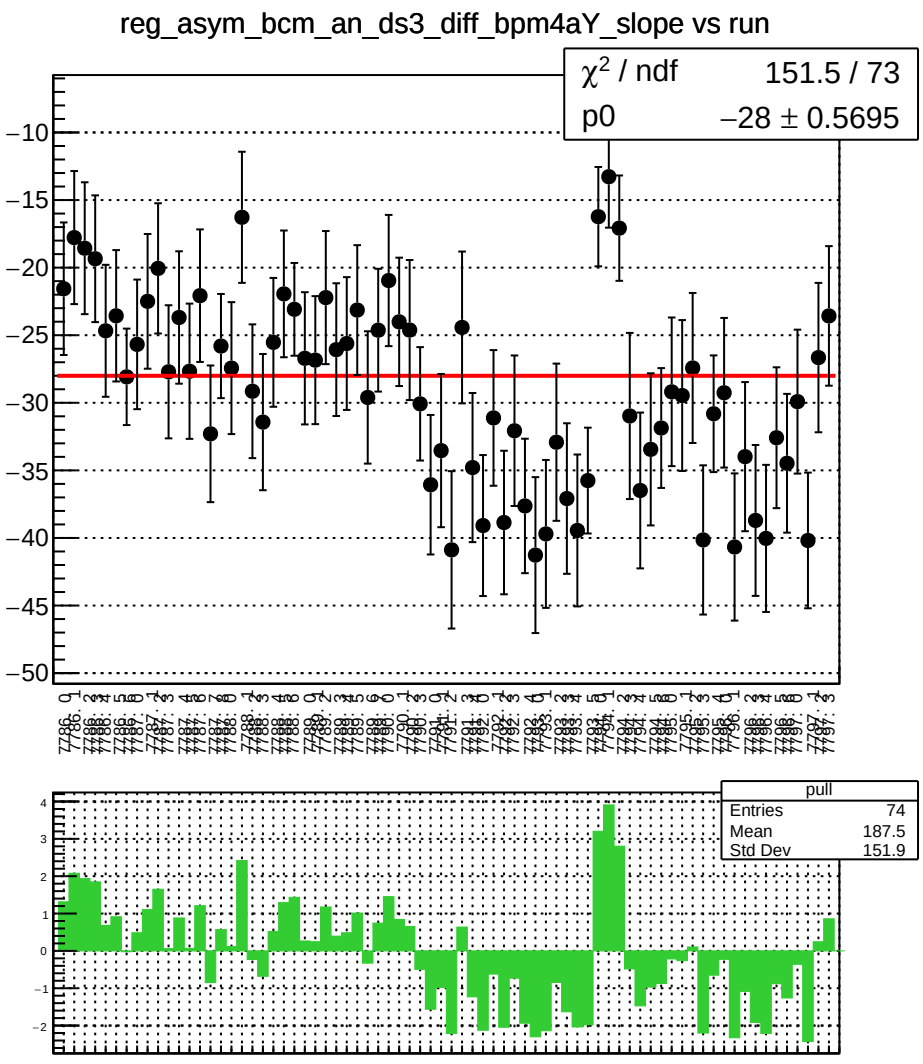

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs run
χ² / ndf 26.67 / 73
p0 −36.17 ± 2.486
pull
Entries 74
Mean 18.59
Std Dev 10.75

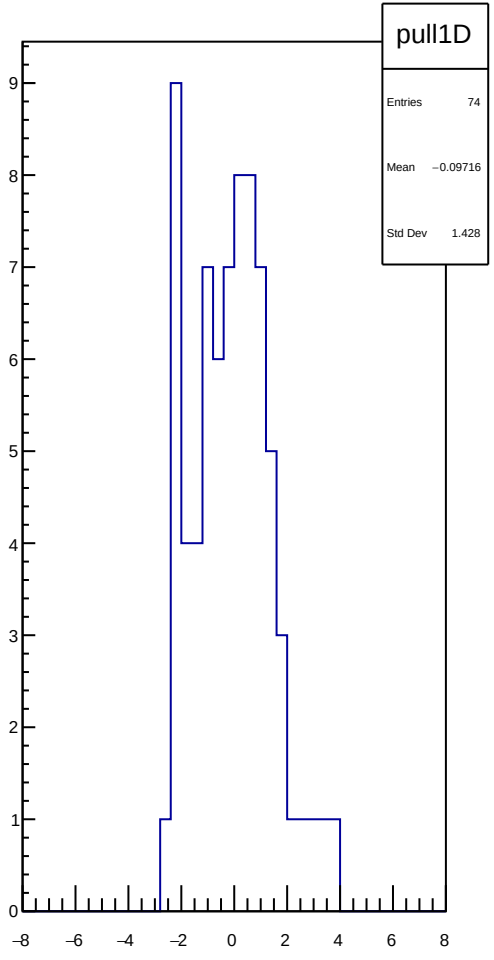

pull1D
Entries 74
Mean 0.01278
Std Dev 0.6002

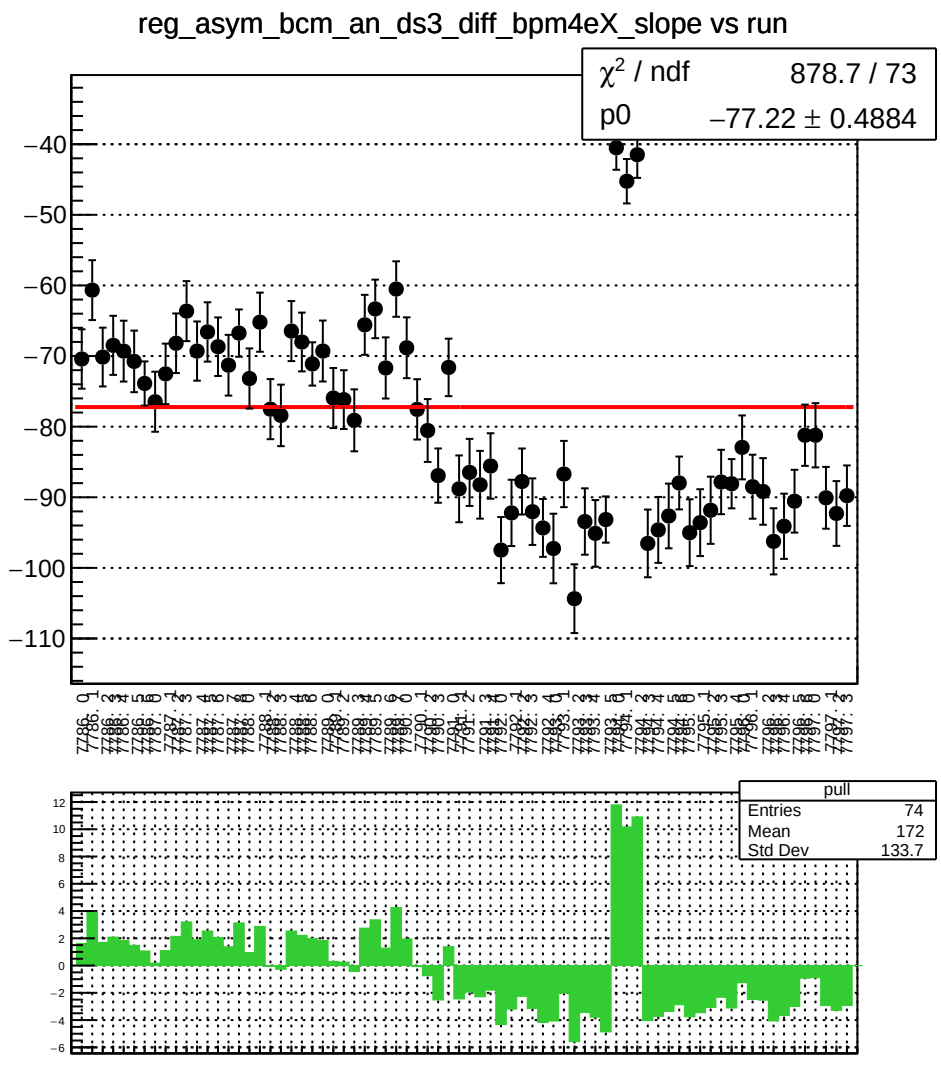

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs run
χ² / ndf 36.09 / 73
p0 1.257 ± 3.29
pull
Entries 74
Mean 207
Std Dev 164.4
pull1D
Entries 74
Mean −0.005229
Std Dev 0.6984

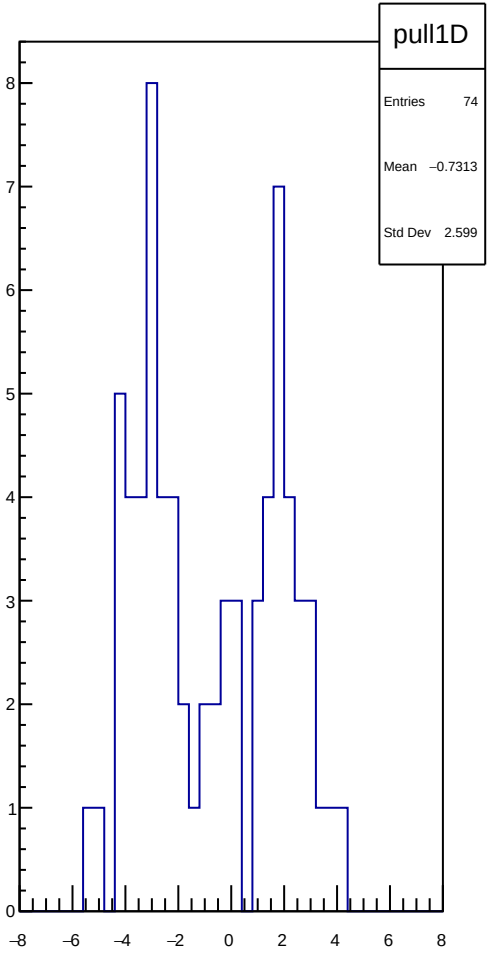

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs run
χ² / ndf 49.96 / 73
p0 24.18 ± 0.1021
pull
Entries 74
Mean 260.3
Std Dev 177.3
pull1D
Entries 74
Mean 0.005062
Std Dev 0.8217

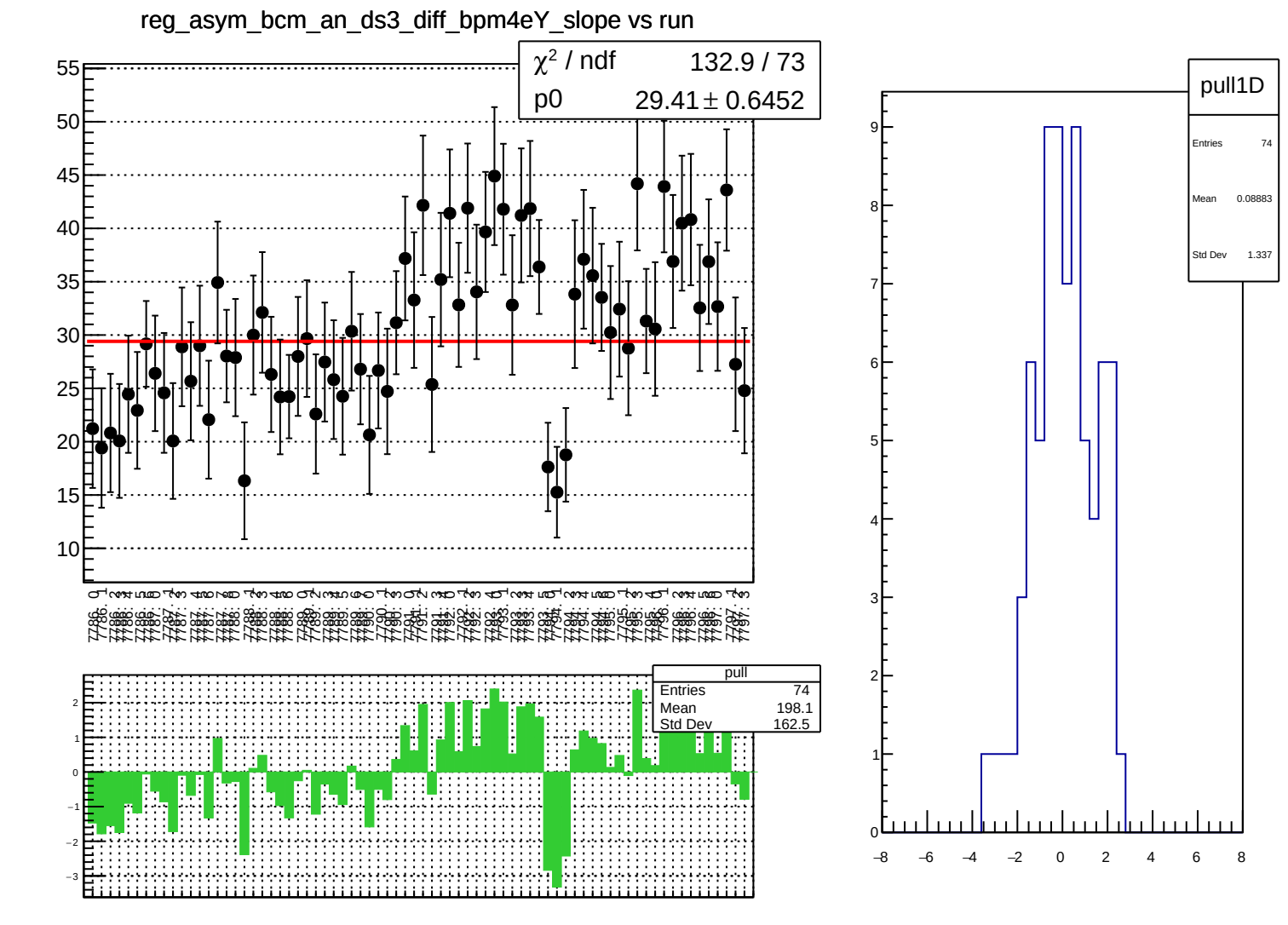

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs run
χ² / ndf 910.4 / 73
p0 88.72 ± 0.5613
pull
Entries 74
Mean 176.1
Std Dev 137.8
pull1D
Entries 74
Mean 0.7351
Std Dev 2.729

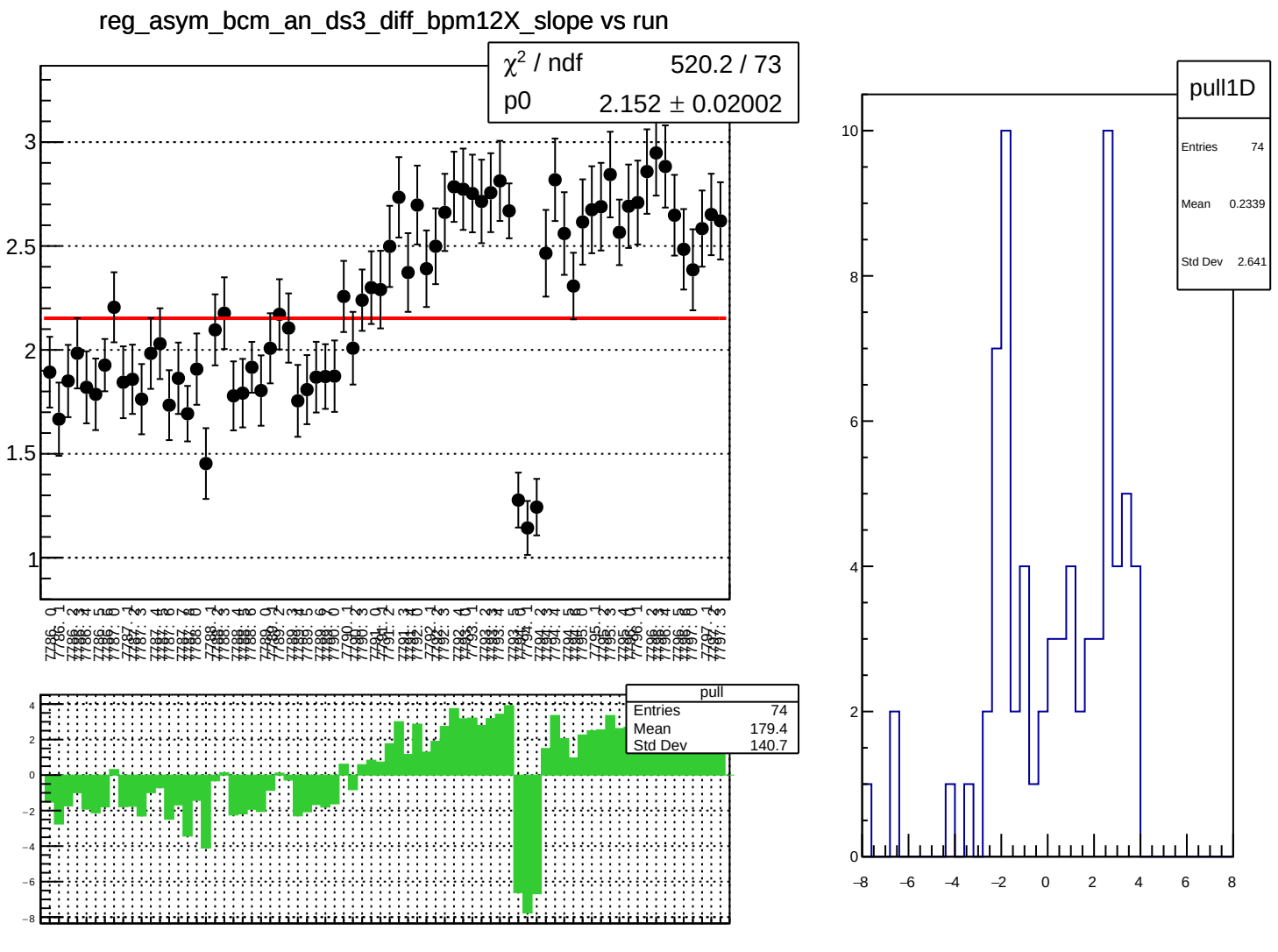

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs run
χ² / ndf 151.5 / 73
p0 −28 ± 0.5695
pull
Entries 74
Mean 187.5
Std Dev 151.9

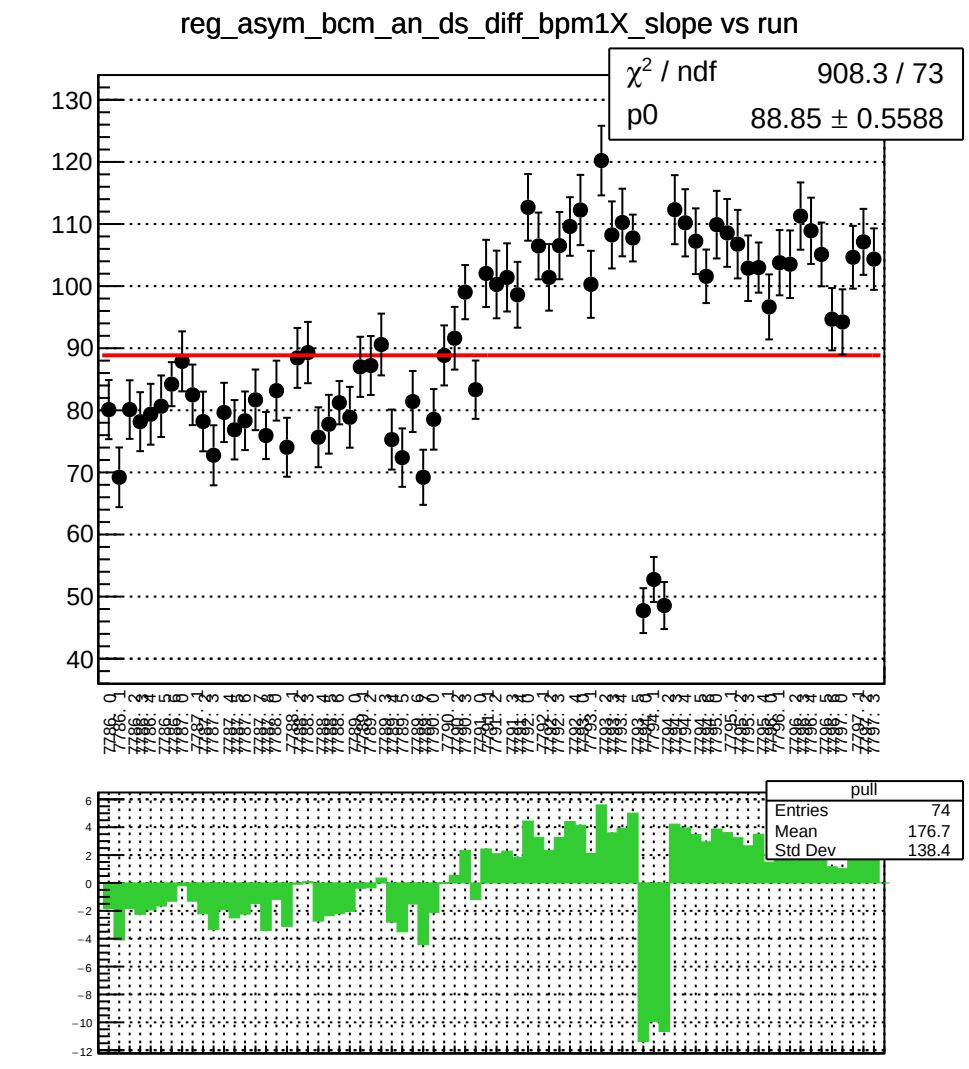

pull1D
Entries 74
Mean −0.09716
Std Dev 1.428

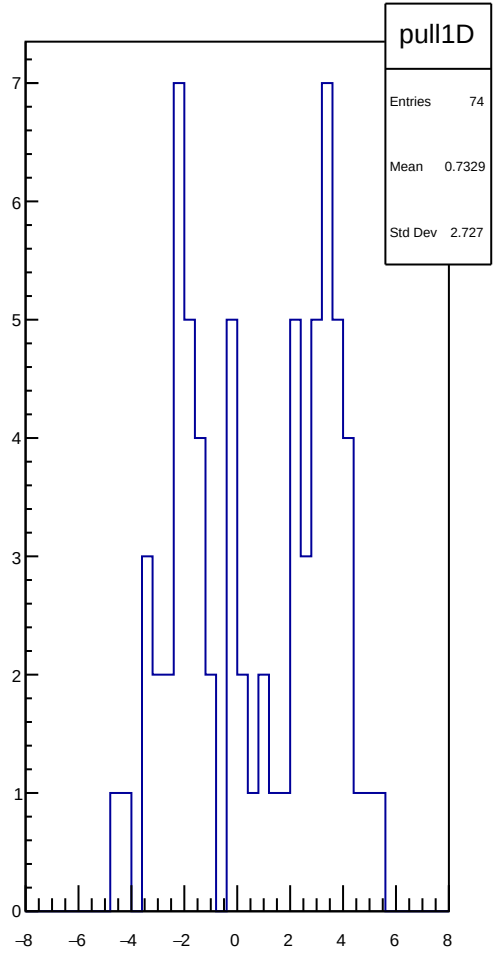

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs run
χ² / ndf 878.7 / 73
p0 −77.22 ± 0.4884
pull
Entries 74
Mean 172
Std Dev 133.7

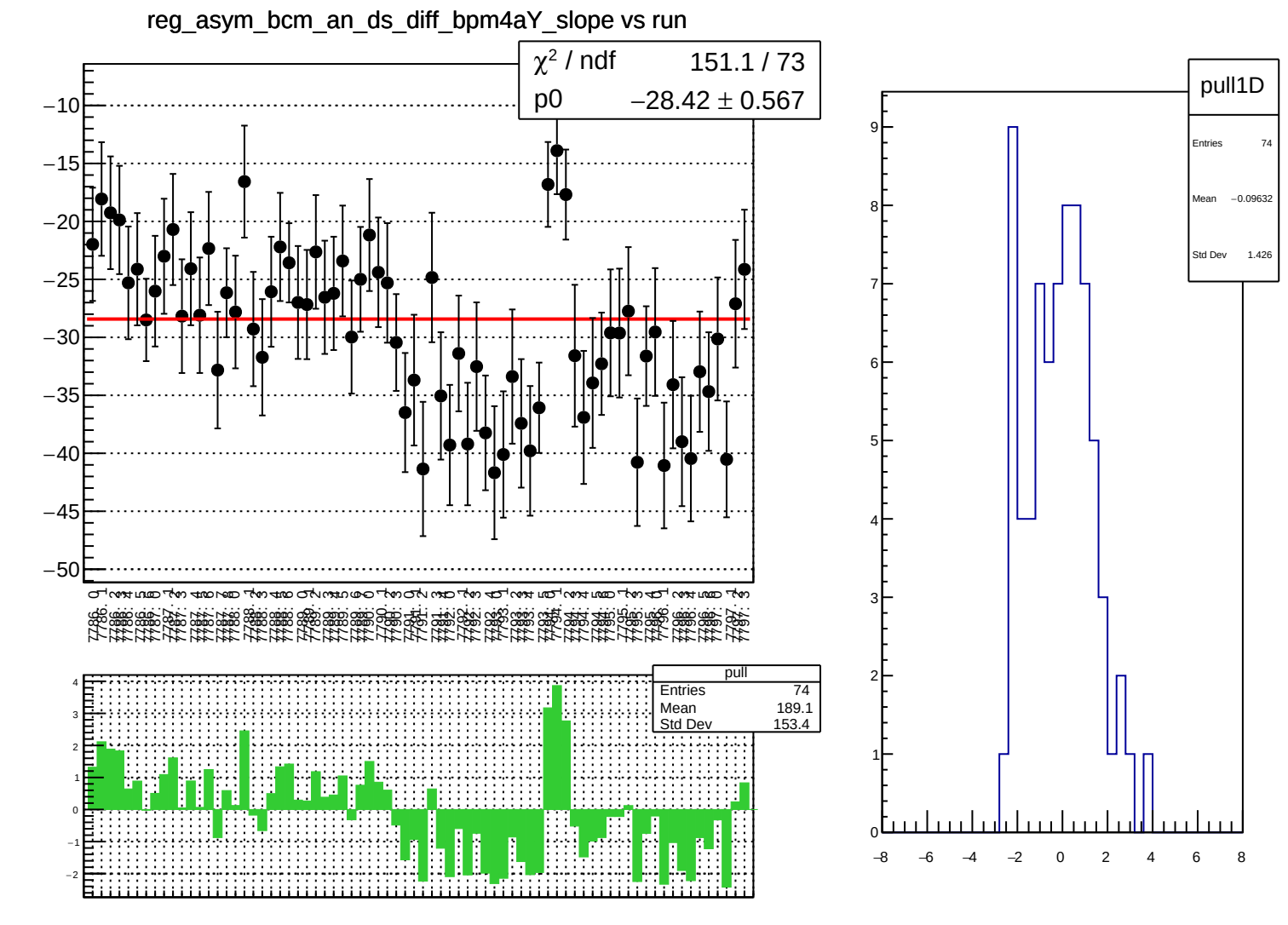

pull1D
Entries 74
Mean −0.7313
Std Dev 2.599

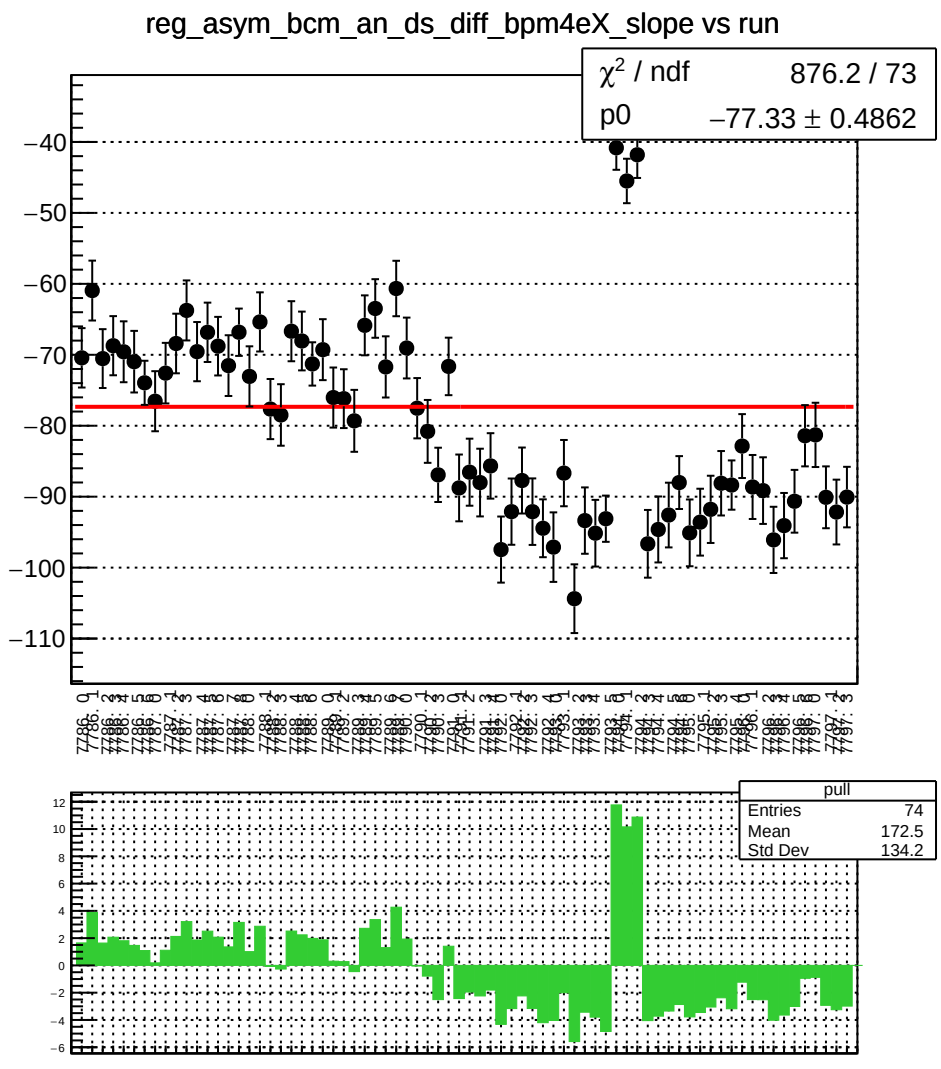

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs run
χ² / ndf 132.9 / 73
p0 29.41 ± 0.6452
pull
Entries 74
Mean 198.1
Std Dev 162.5
pull1D
Entries 74
Mean 0.08883
Std Dev 1.337

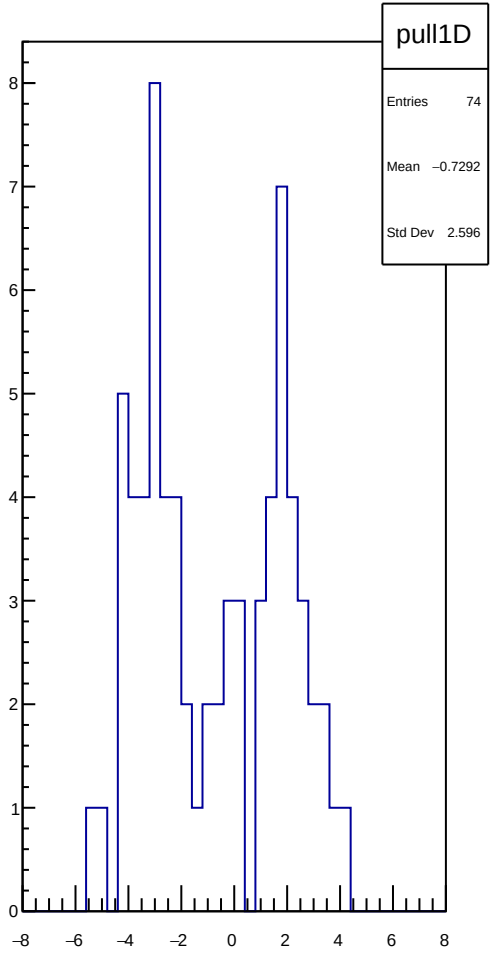

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs run
χ² / ndf 520.2 / 73
p0 2.152 ± 0.02002
pull
Entries 74
Mean 179.4
Std Dev 140.7
pull1D
Entries 74
Mean 0.2339
Std Dev 2.641

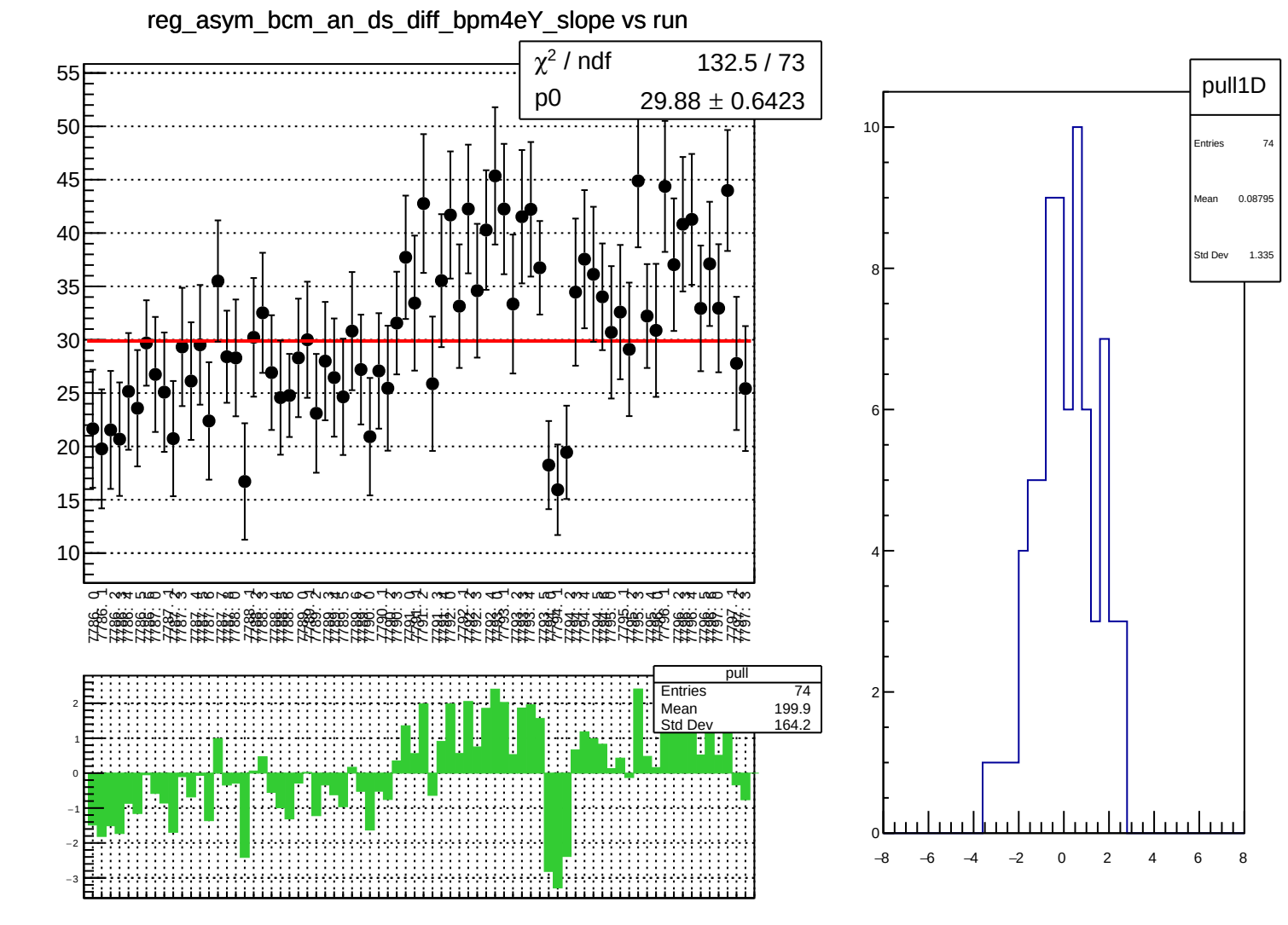

reg_asym_bcm_an_ds_diff_bpm1X_slope vs run
χ² / ndf 908.3 / 73
p0 88.85 ± 0.5588
pull
Entries 74
Mean 176.7
Std Dev 138.4

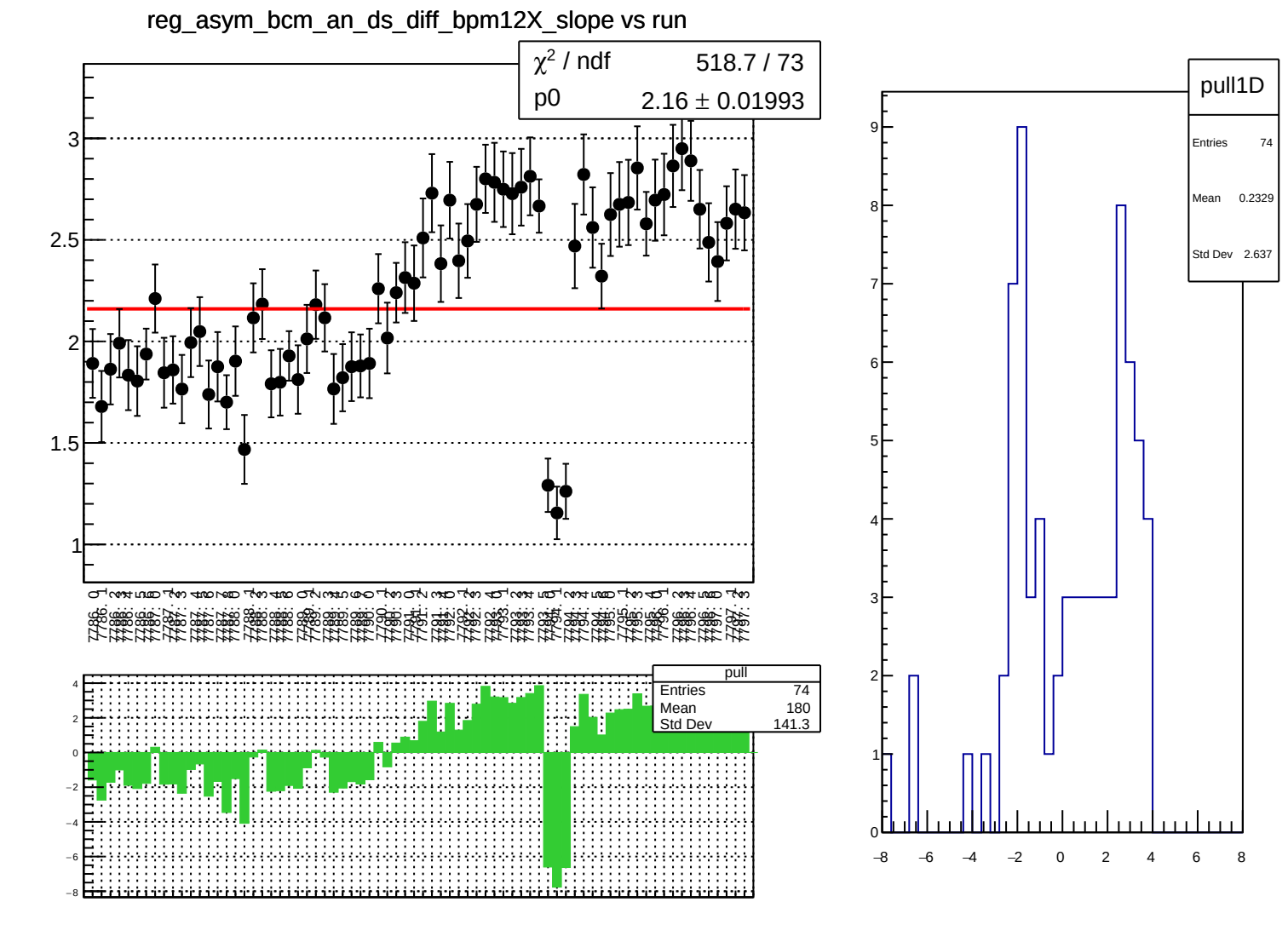

pull1D
Entries 74
Mean 0.7329
Std Dev 2.727

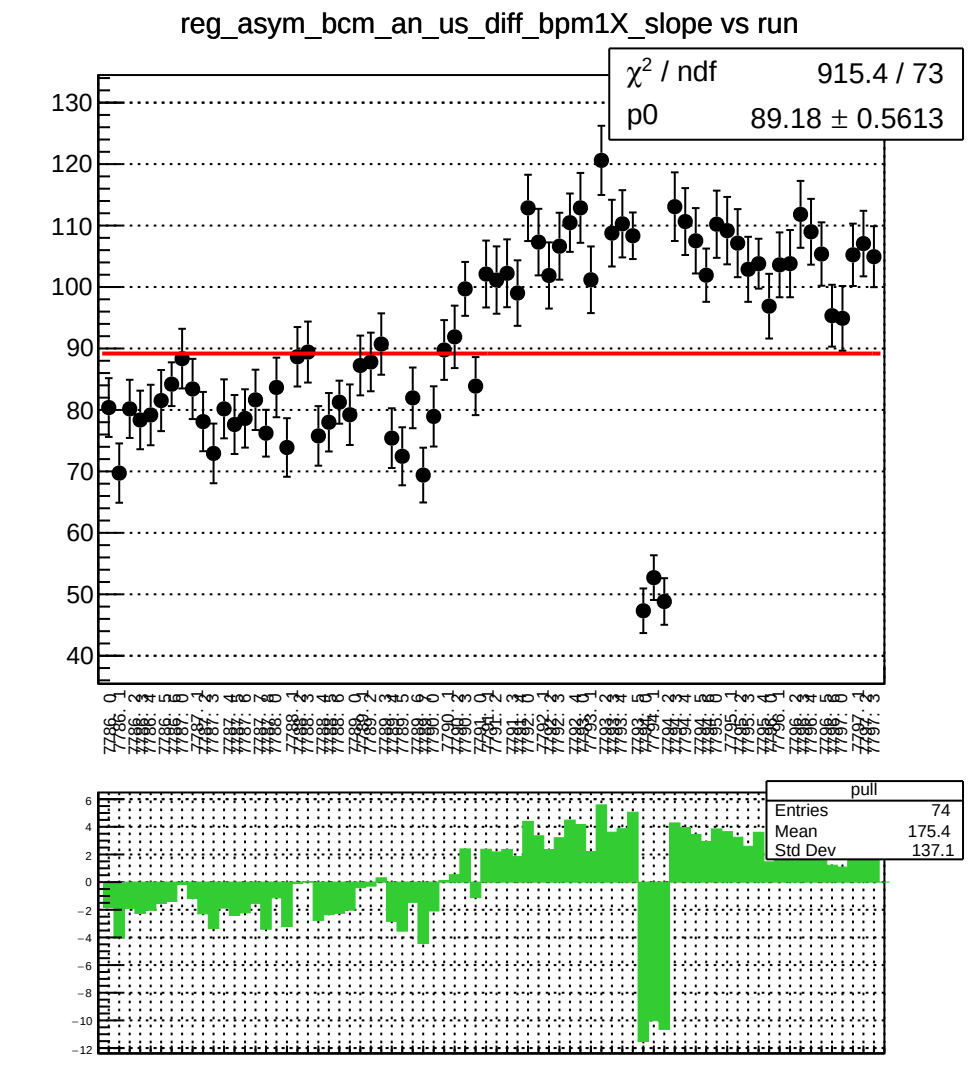

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs run
χ² / ndf 151.1 / 73
p0 −28.42 ± 0.567
pull
Entries 74
Mean 189.1
Std Dev 153.4
pull1D
Entries 74
Mean −0.09632
Std Dev 1.426

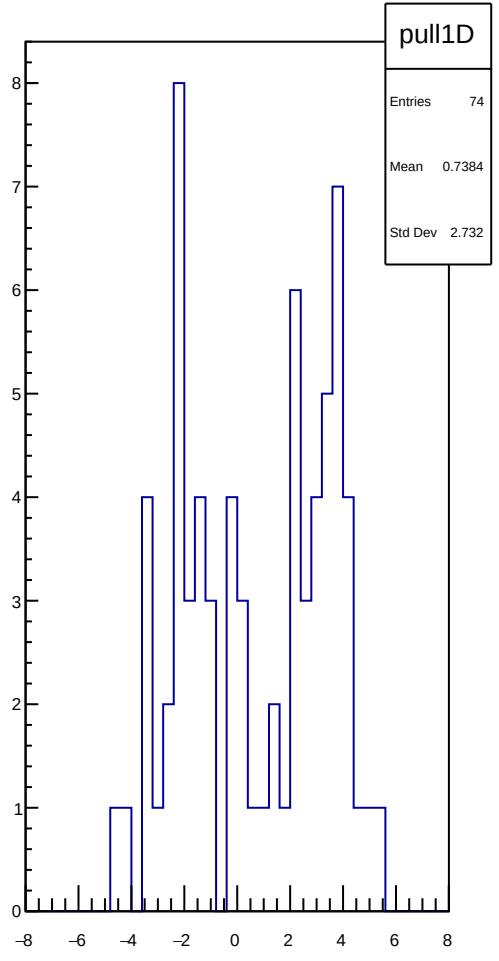

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs run
χ² / ndf 876.2 / 73
p0 −77.33 ± 0.4862
pull
Entries 74
Mean 172.5
Std Dev 134.2

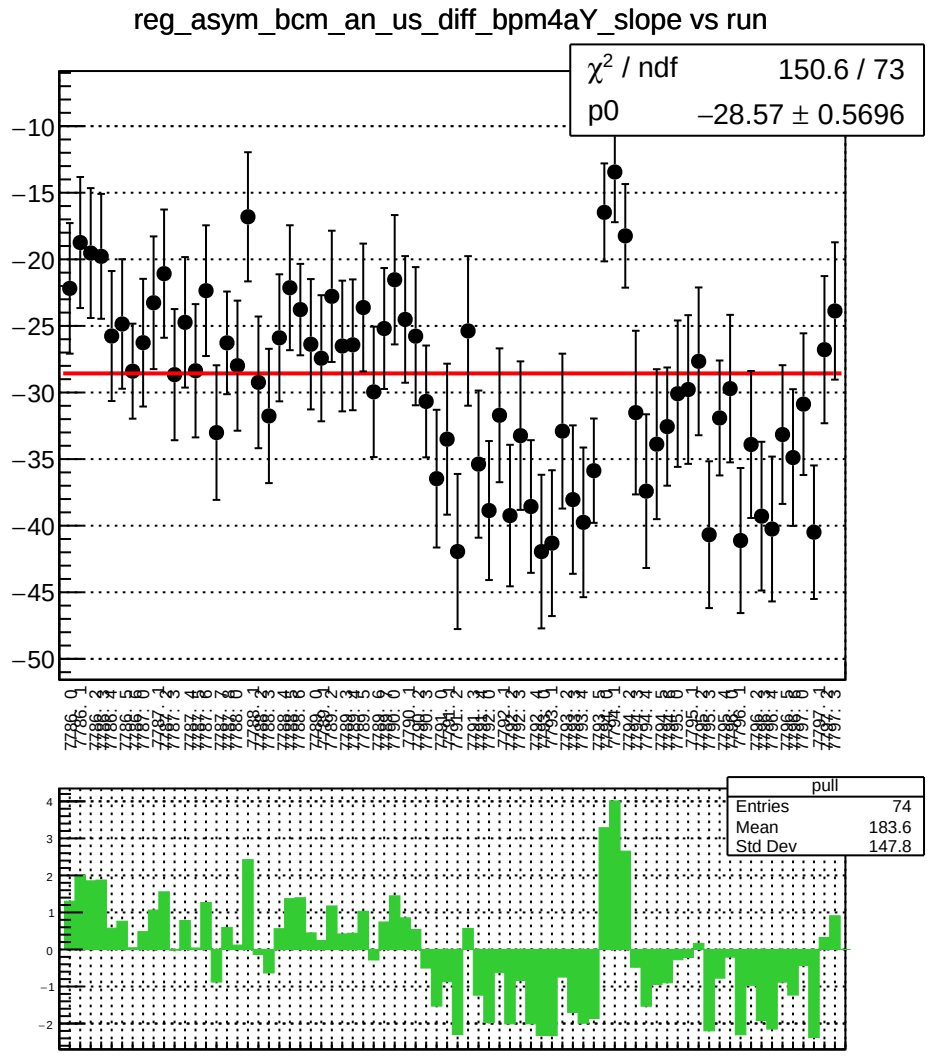

pull1D
Entries 74
Mean −0.7292
Std Dev 2.596

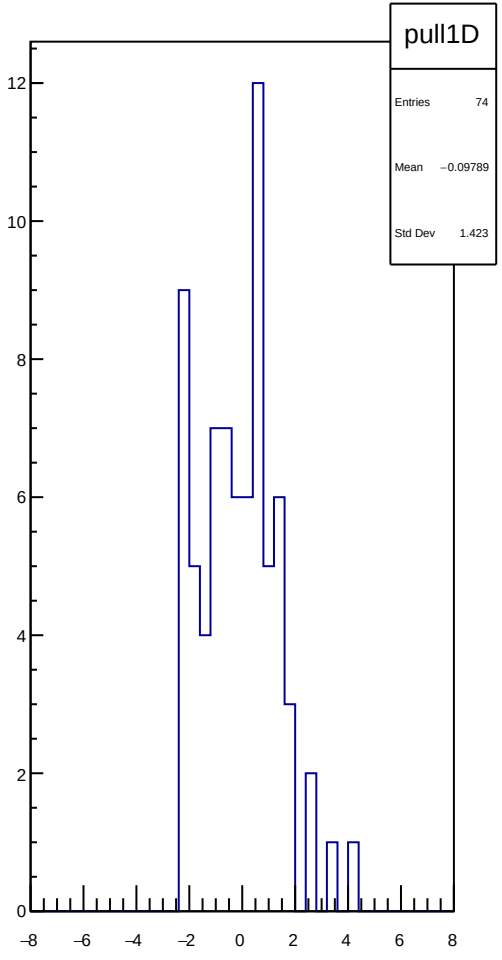

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs run
χ² / ndf 132.5 / 73
p0 29.88 ± 0.6423
pull
Entries 74
Mean 199.9
Std Dev 164.2
pull1D
Entries 74
Mean 0.08795
Std Dev 1.335

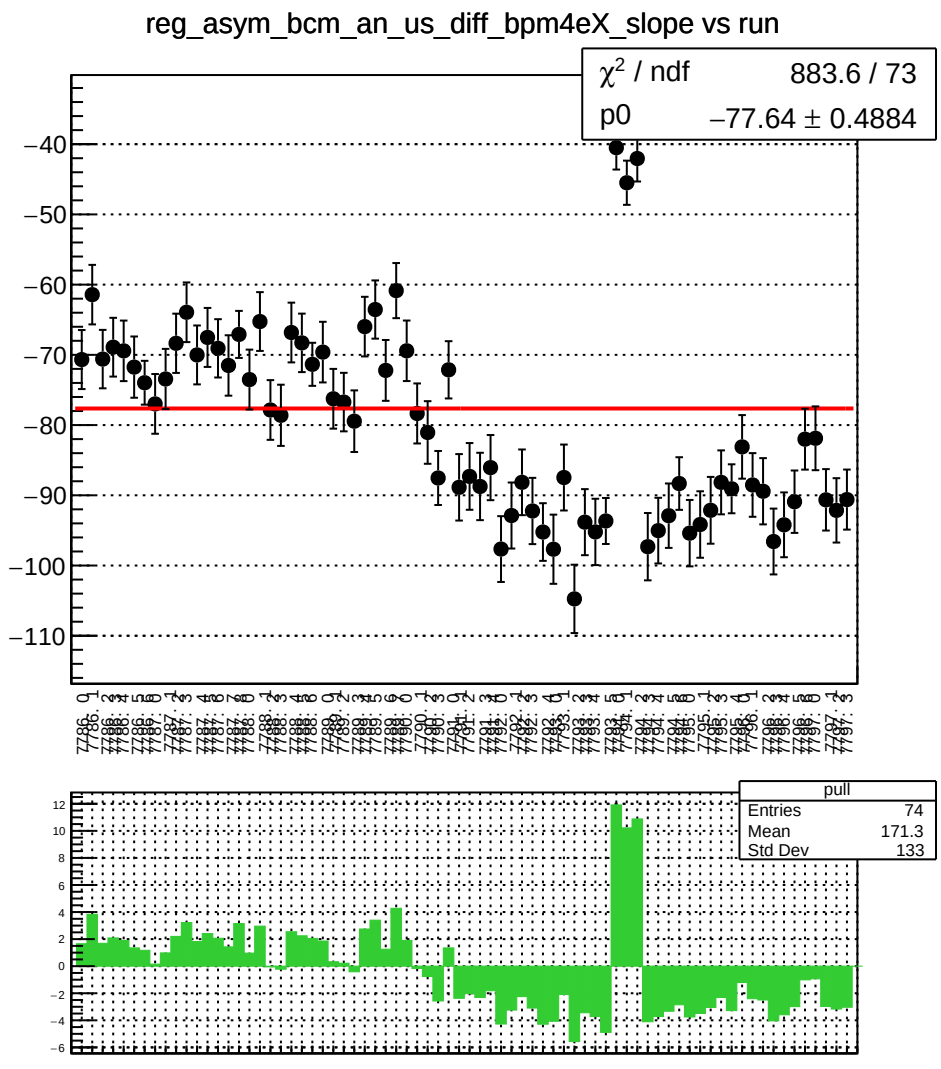

reg_asym_bcm_an_ds_diff_bpm12X_slope vs run
χ² / ndf 518.7 / 73
p0 2.16 ± 0.01993
pull
Entries 74
Mean 180
Std Dev 141.3
pull1D
Entries 74
Mean 0.2329
Std Dev 2.637

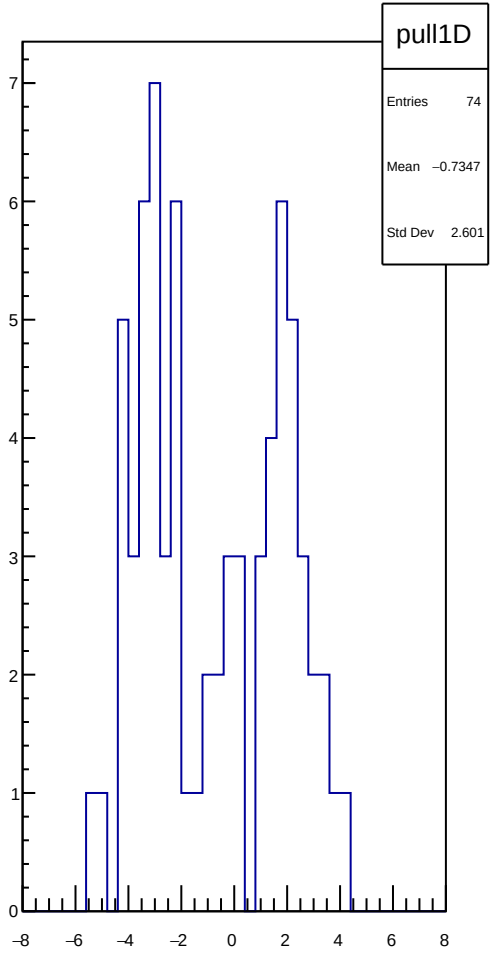

reg_asym_bcm_an_us_diff_bpm1X_slope vs run
χ² / ndf 915.4 / 73
p0 89.18 ± 0.5613
pull
Entries 74
Mean 175.4
Std Dev 137.1

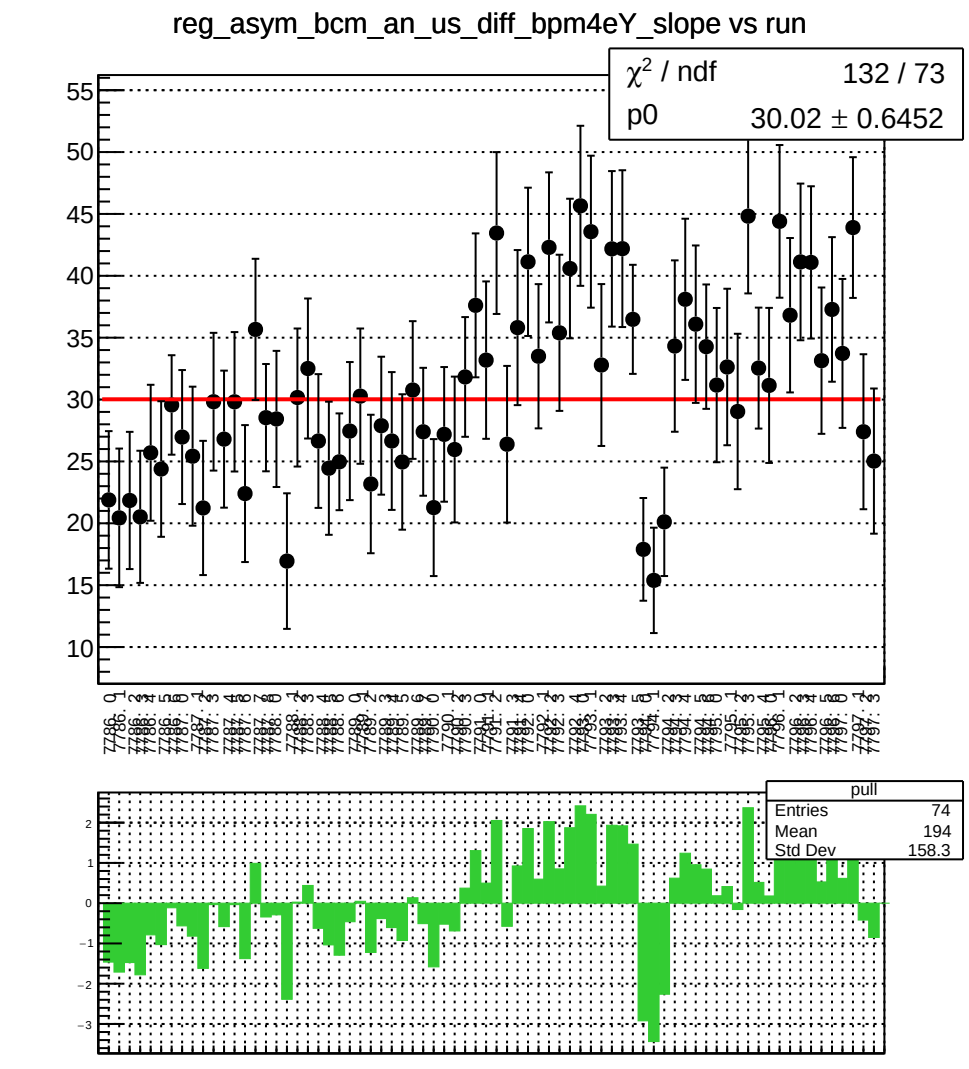

pull1D
Entries 74
Mean 0.7384
Std Dev 2.732

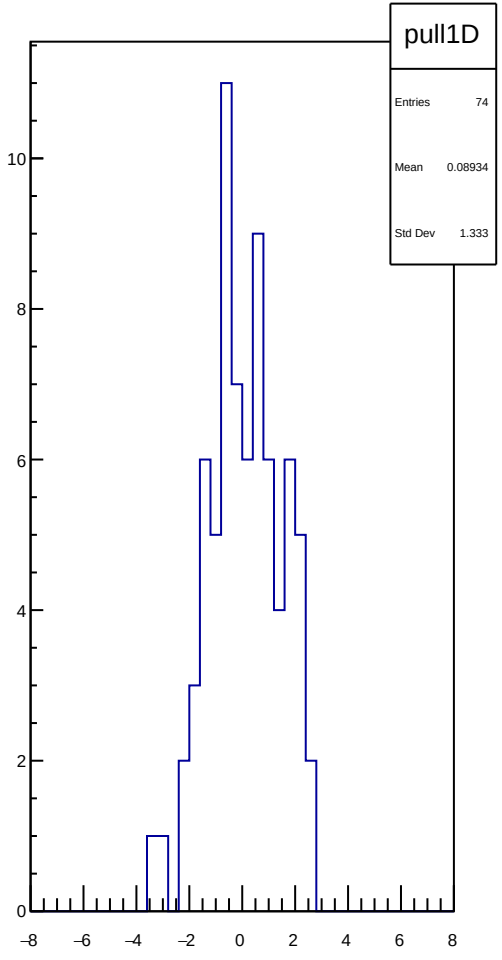

reg_asym_bcm_an_us_diff_bpm4aY_slope vs run
χ² / ndf 150.6 / 73
p0 −28.57 ± 0.5696
pull
Entries 74
Mean 183.6
Std Dev 147.8

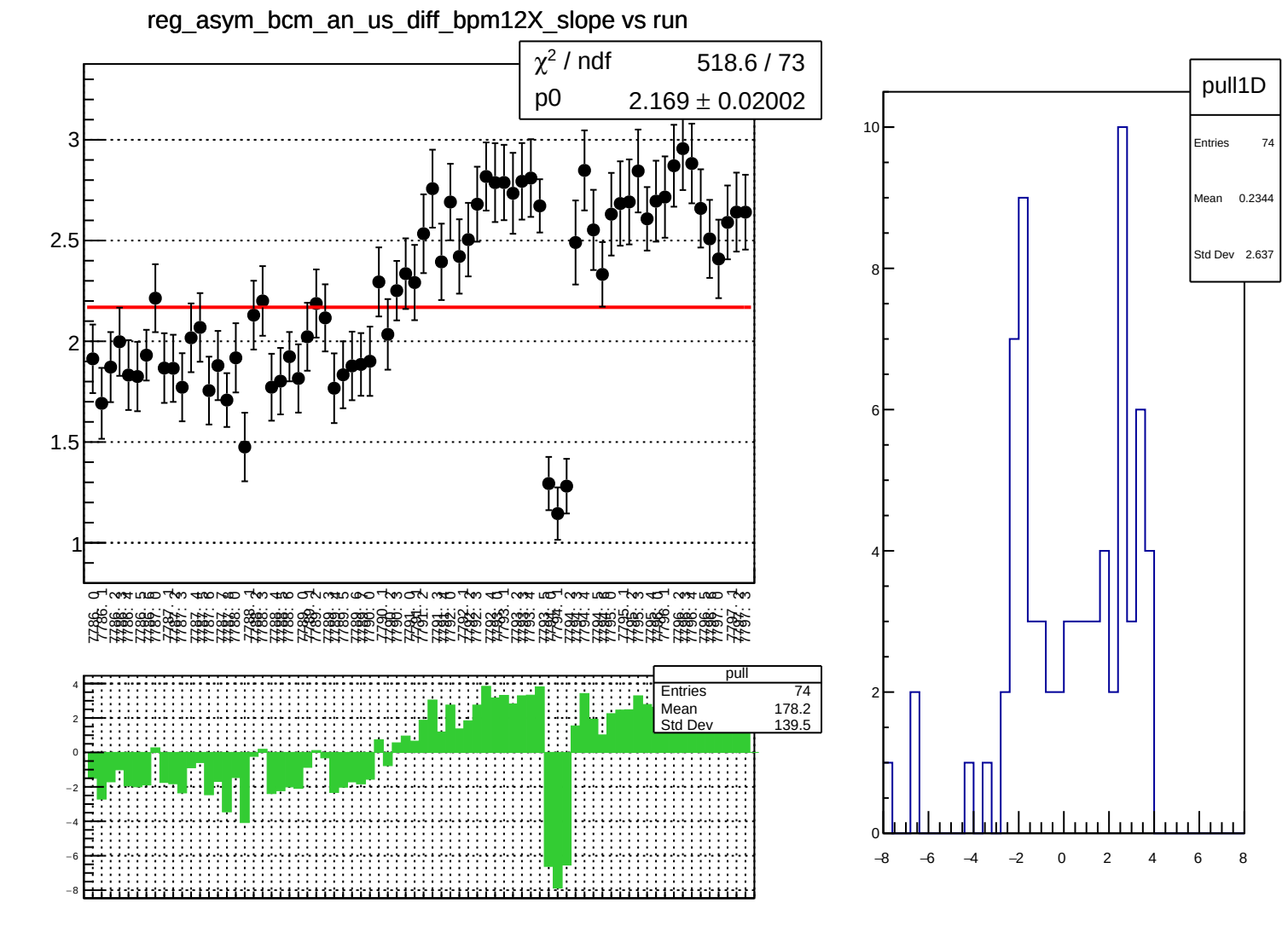

pull1D
Entries 74
Mean −0.09789
Std Dev 1.423

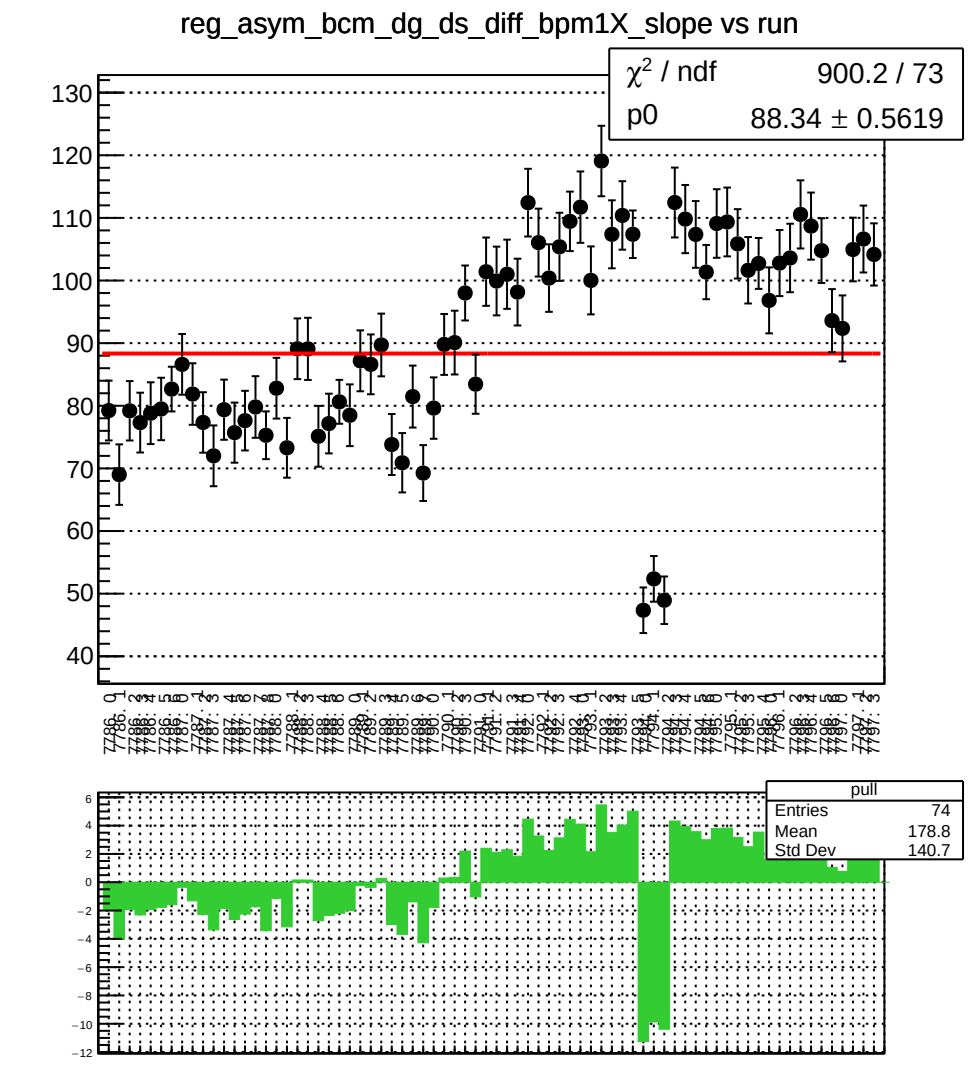

reg_asym_bcm_an_us_diff_bpm4eX_slope vs run
χ² / ndf 883.6 / 73
p0 −77.64 ± 0.4884
pull
Entries 74
Mean 171.3
Std Dev 133

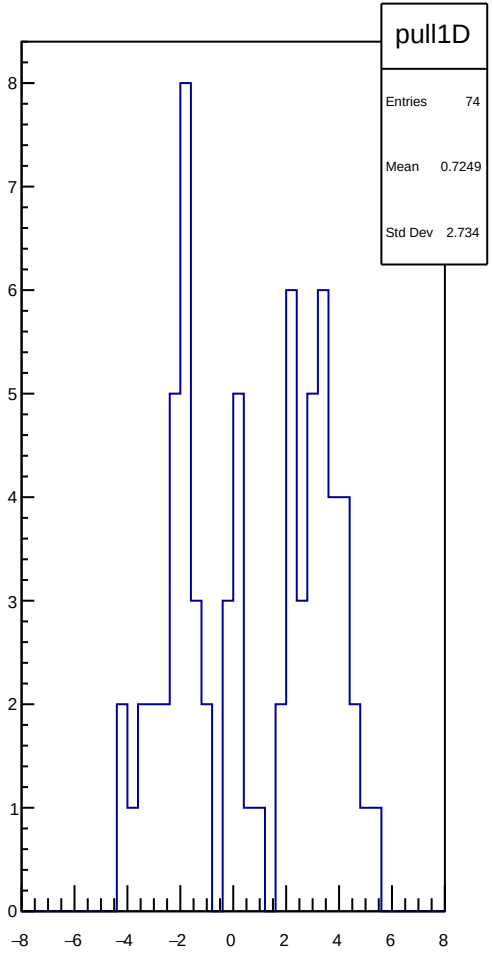

pull1D
Entries 74
Mean −0.7347
Std Dev 2.601

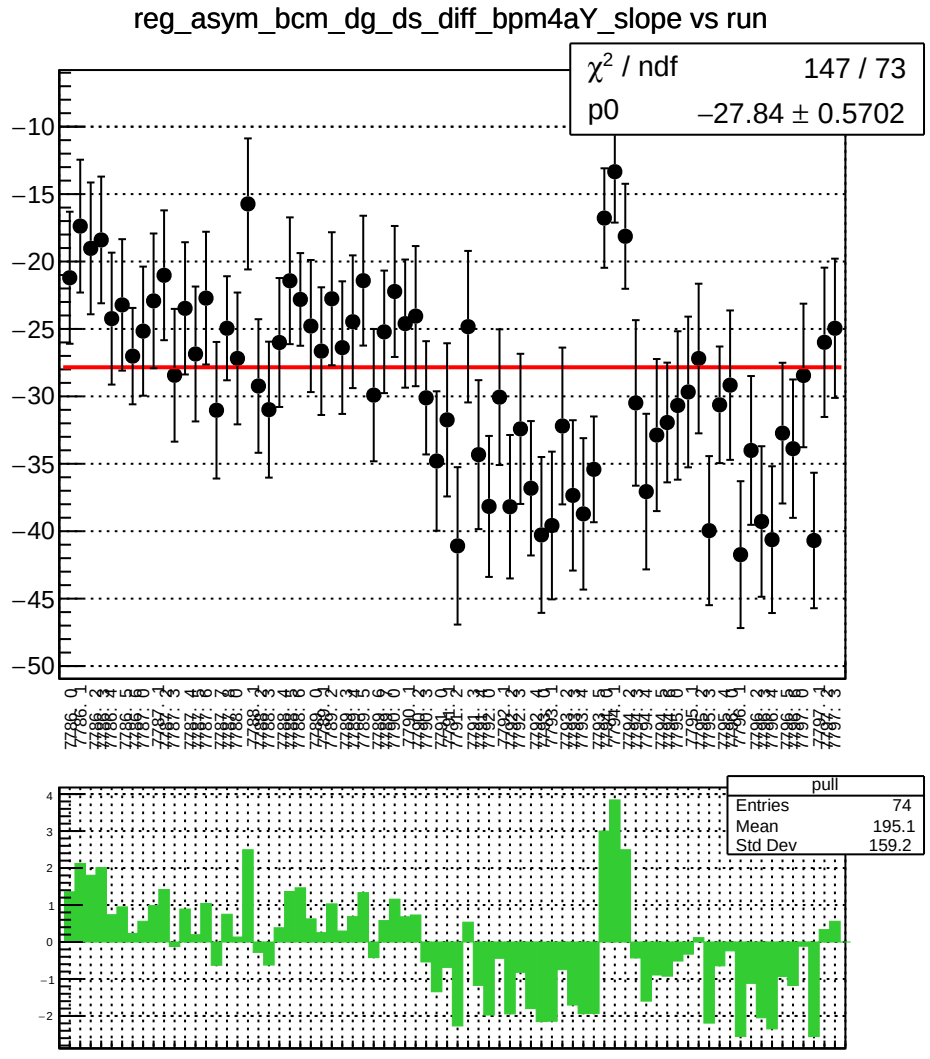

reg_asym_bcm_an_us_diff_bpm4eY_slope vs run
χ² / ndf 132 / 73
p0 30.02 ± 0.6452
pull
Entries 74
Mean 194
Std Dev 158.3

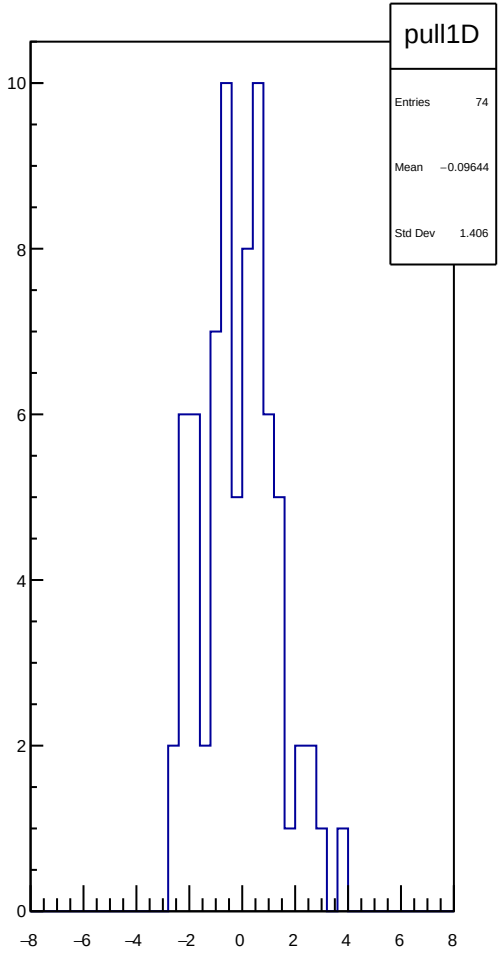

pull1D
Entries 74
Mean 0.08934
Std Dev 1.333

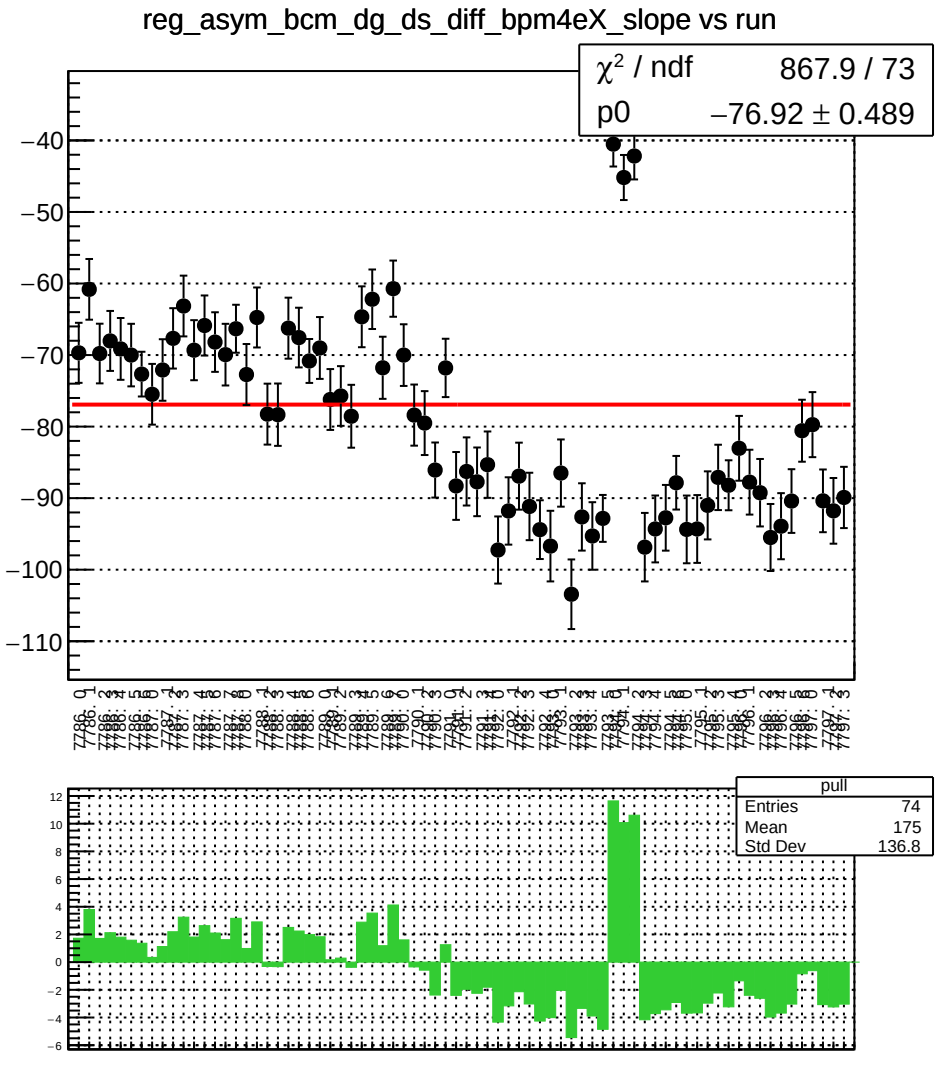

reg_asym_bcm_an_us_diff_bpm12X_slope vs run
χ² / ndf 518.6 / 73
p0 2.169 ± 0.02002
pull
Entries 74
Mean 178.2
Std Dev 139.5
pull1D
Entries 74
Mean 0.2344
Std Dev 2.637

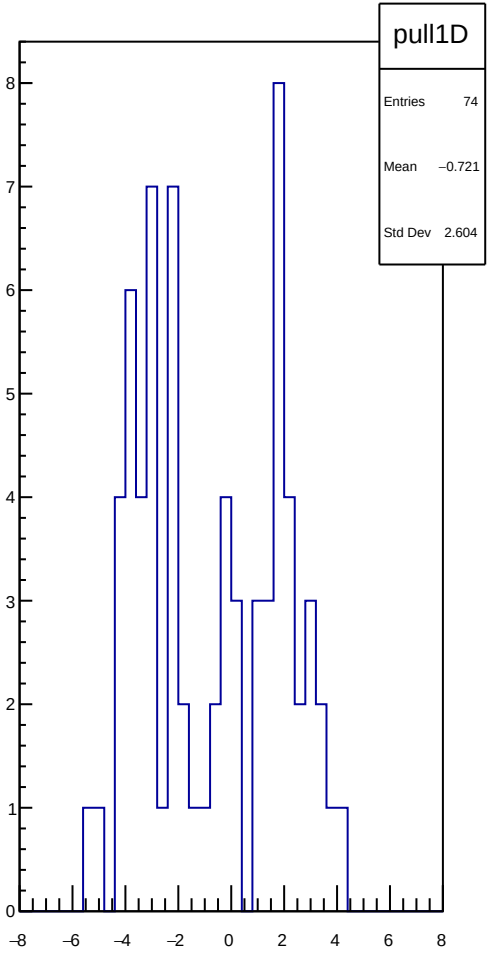

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs run
χ² / ndf 900.2 / 73
p0 88.34 ± 0.5619
pull
Entries 74
Mean 178.8
Std Dev 140.7

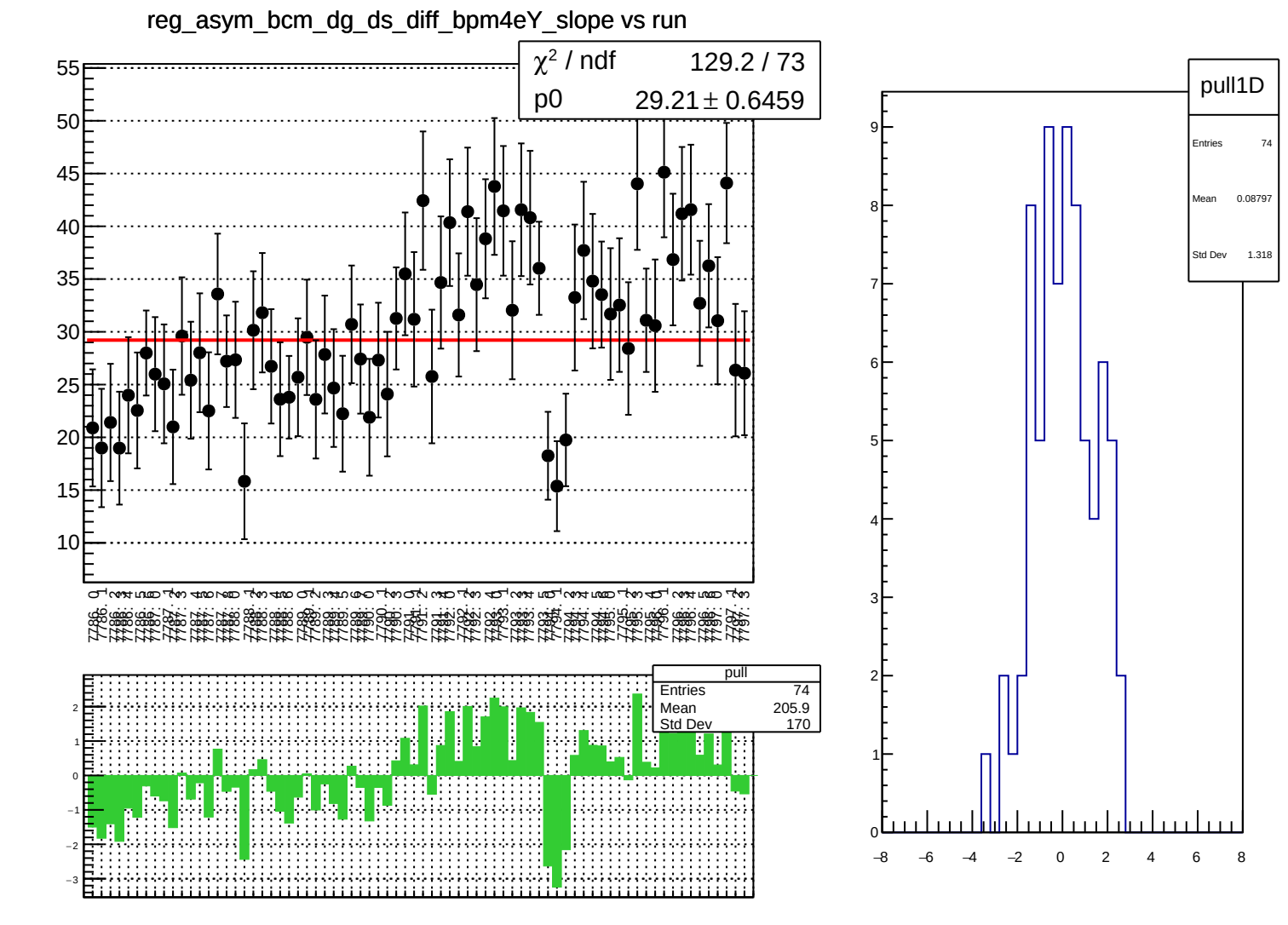

pull1D
Entries 74
Mean 0.7249
Std Dev 2.734

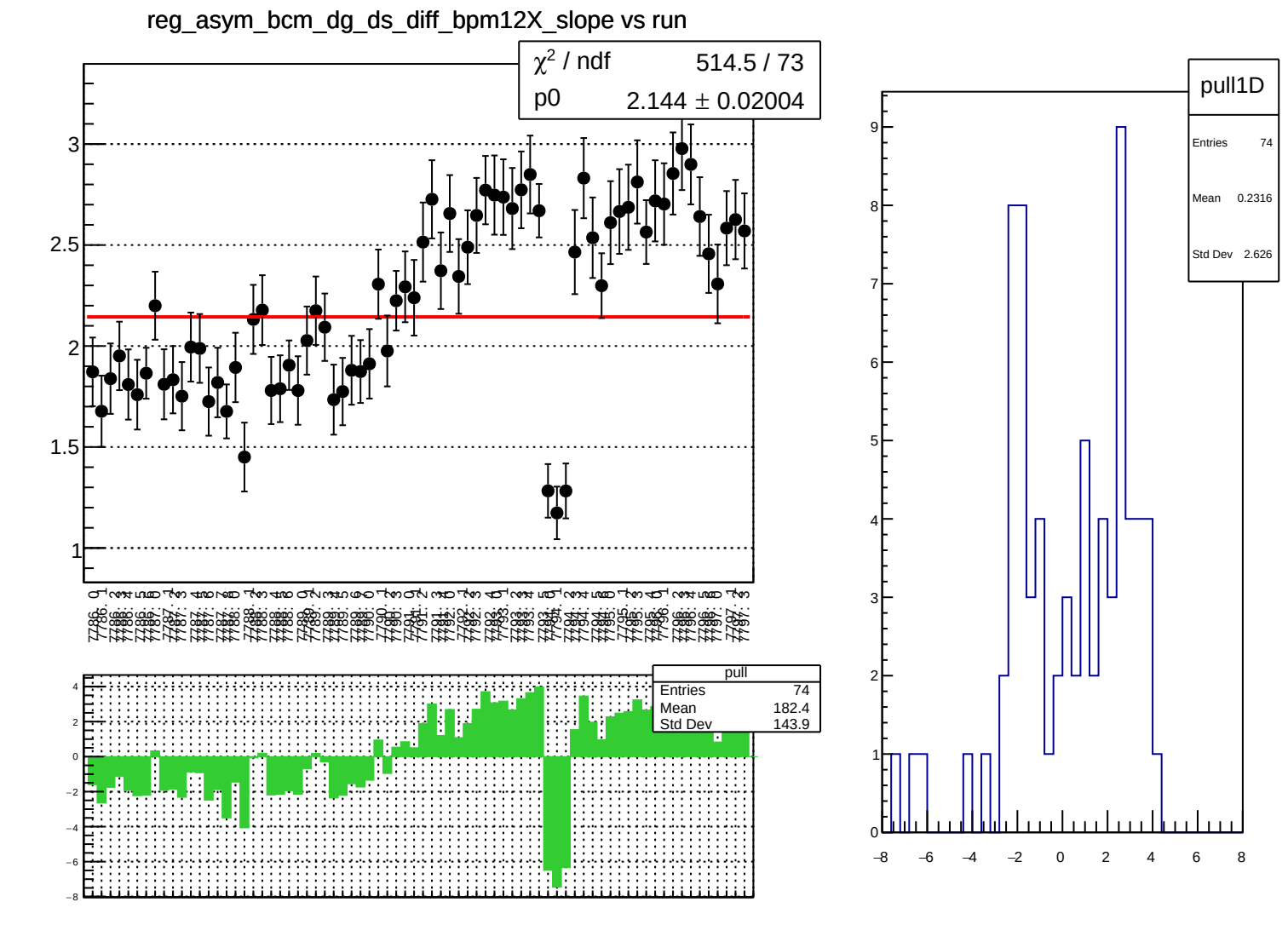

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs run
χ² / ndf 147 / 73
p0 −27.84 ± 0.5702
pull
Entries 74
Mean 195.1
Std Dev 159.2

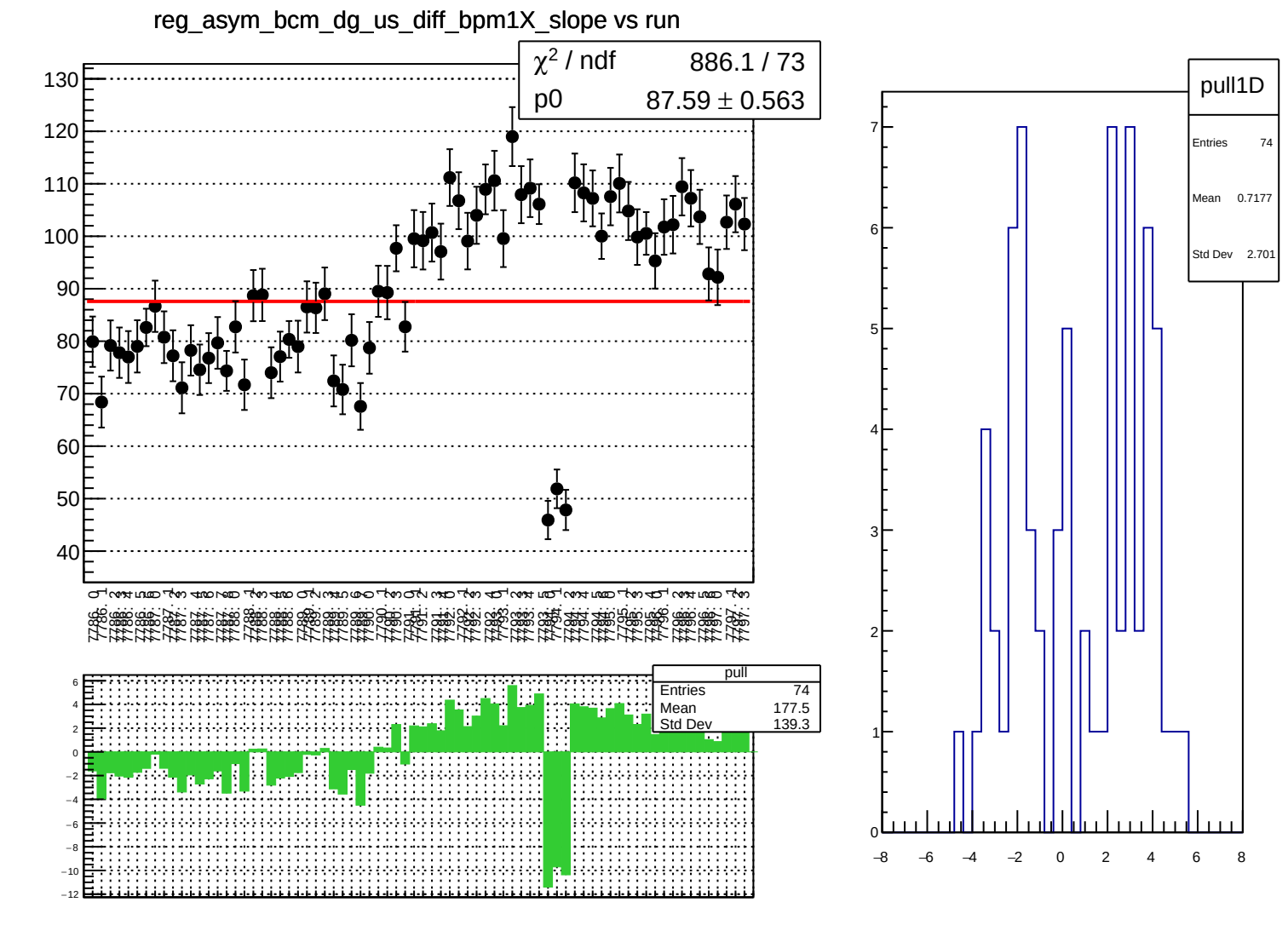

pull1D
Entries 74
Mean −0.09644
Std Dev 1.406

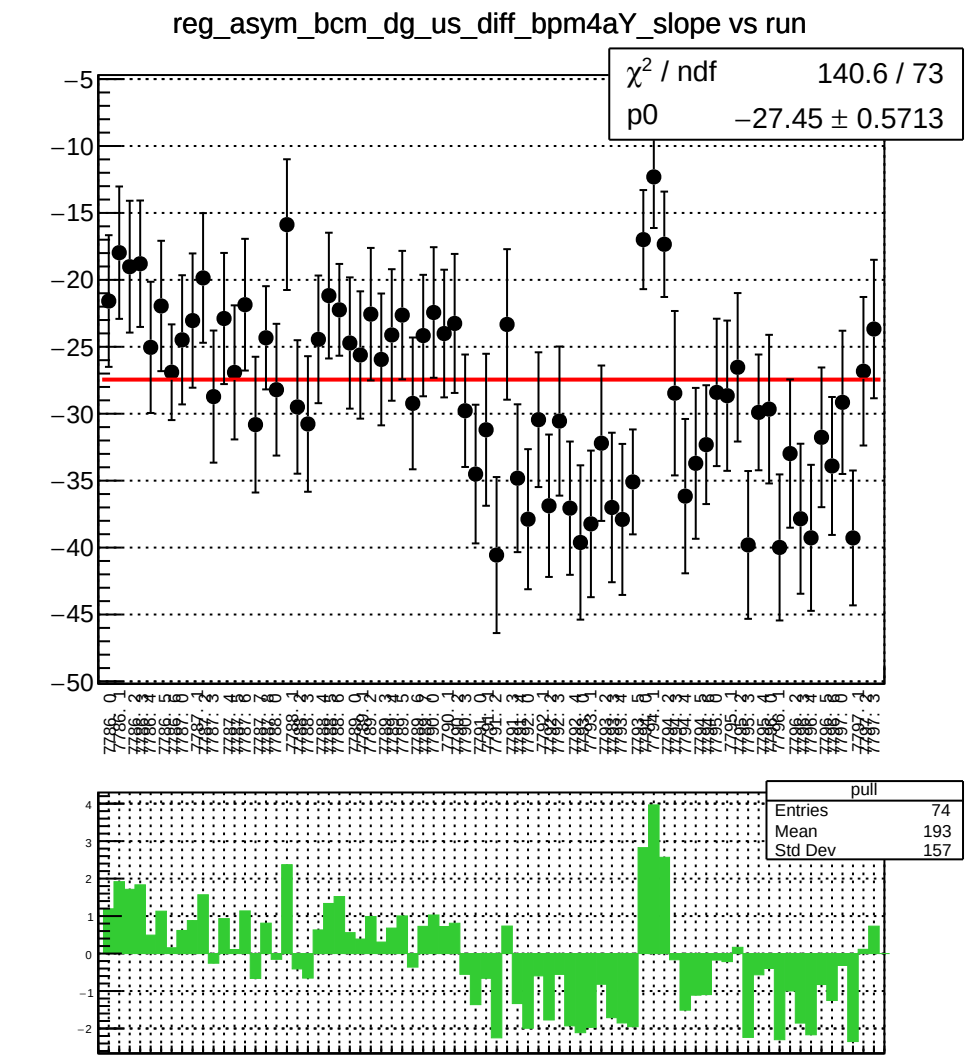

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs run
χ² / ndf 867.9 / 73
p0 −76.92 ± 0.489
pull
Entries 74
Mean 175
Std Dev 136.8

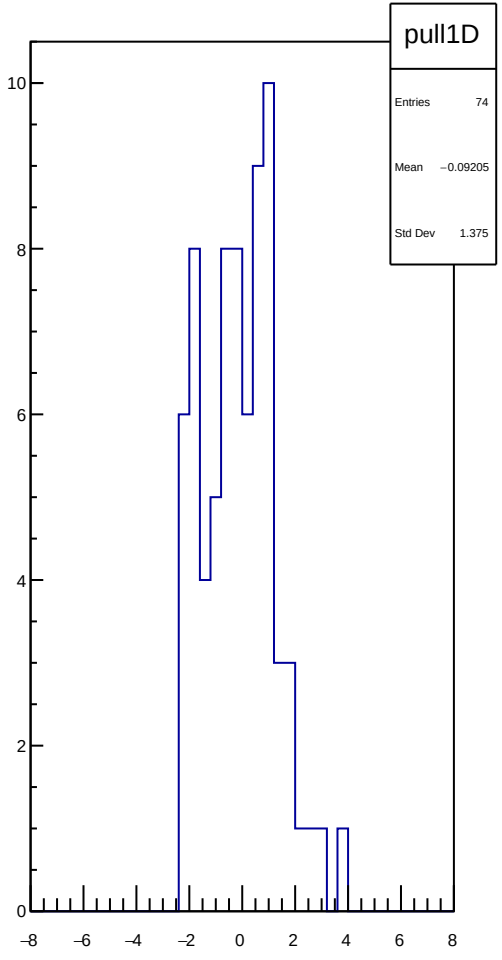

pull1D
Entries 74
Mean −0.721
Std Dev 2.604

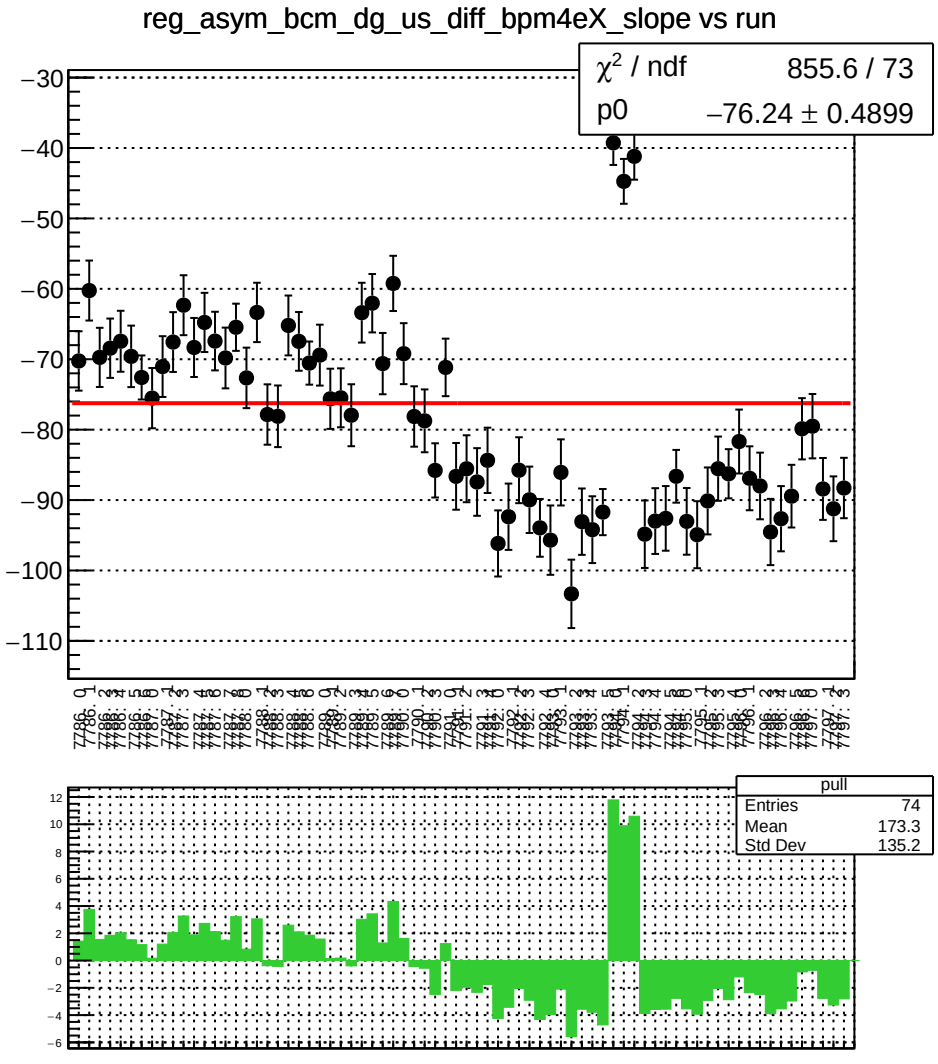

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs run
χ² / ndf 129.2 / 73
p0 29.21 ± 0.6459
pull
Entries 74
Mean 205.9
Std Dev 170
pull1D
Entries 74
Mean 0.08797
Std Dev 1.318

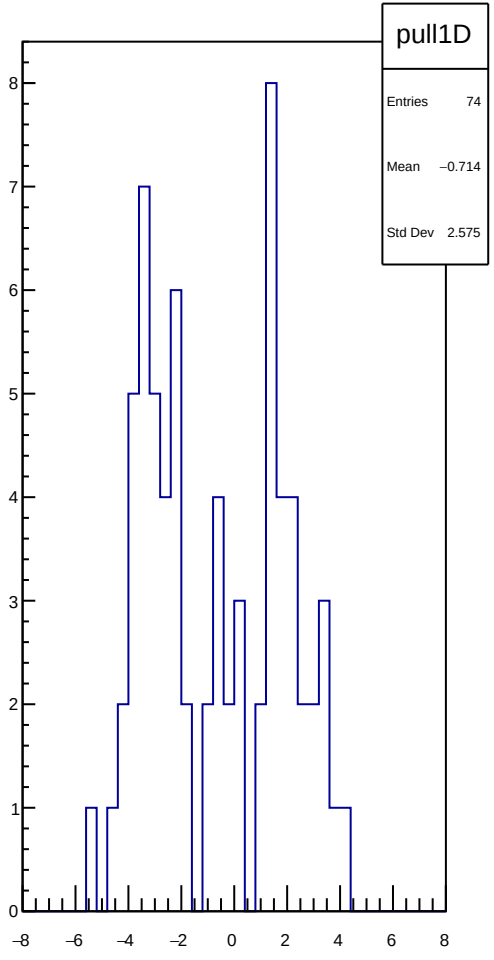

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs run
χ² / ndf 514.5 / 73
p0 2.144 ± 0.02004
pull
Entries 74
Mean 182.4
Std Dev 143.9
pull1D
Entries 74
Mean 0.2316
Std Dev 2.626

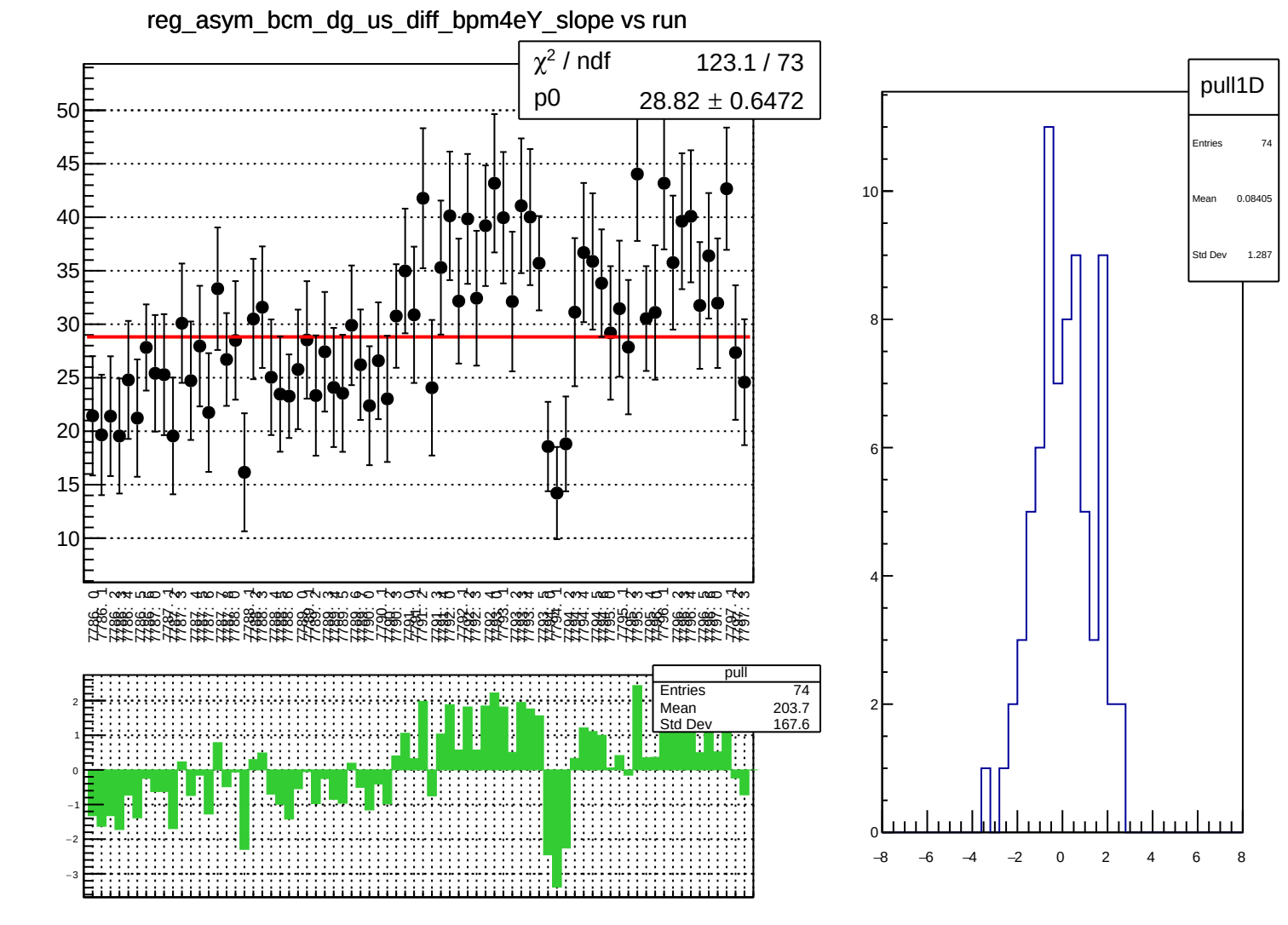

reg_asym_bcm_dg_us_diff_bpm1X_slope vs run
χ² / ndf 886.1 / 73
p0 87.59 ± 0.563
pull
Entries 74
Mean 177.5
Std Dev 139.3
pull1D
Entries 74
Mean 0.7177
Std Dev 2.701

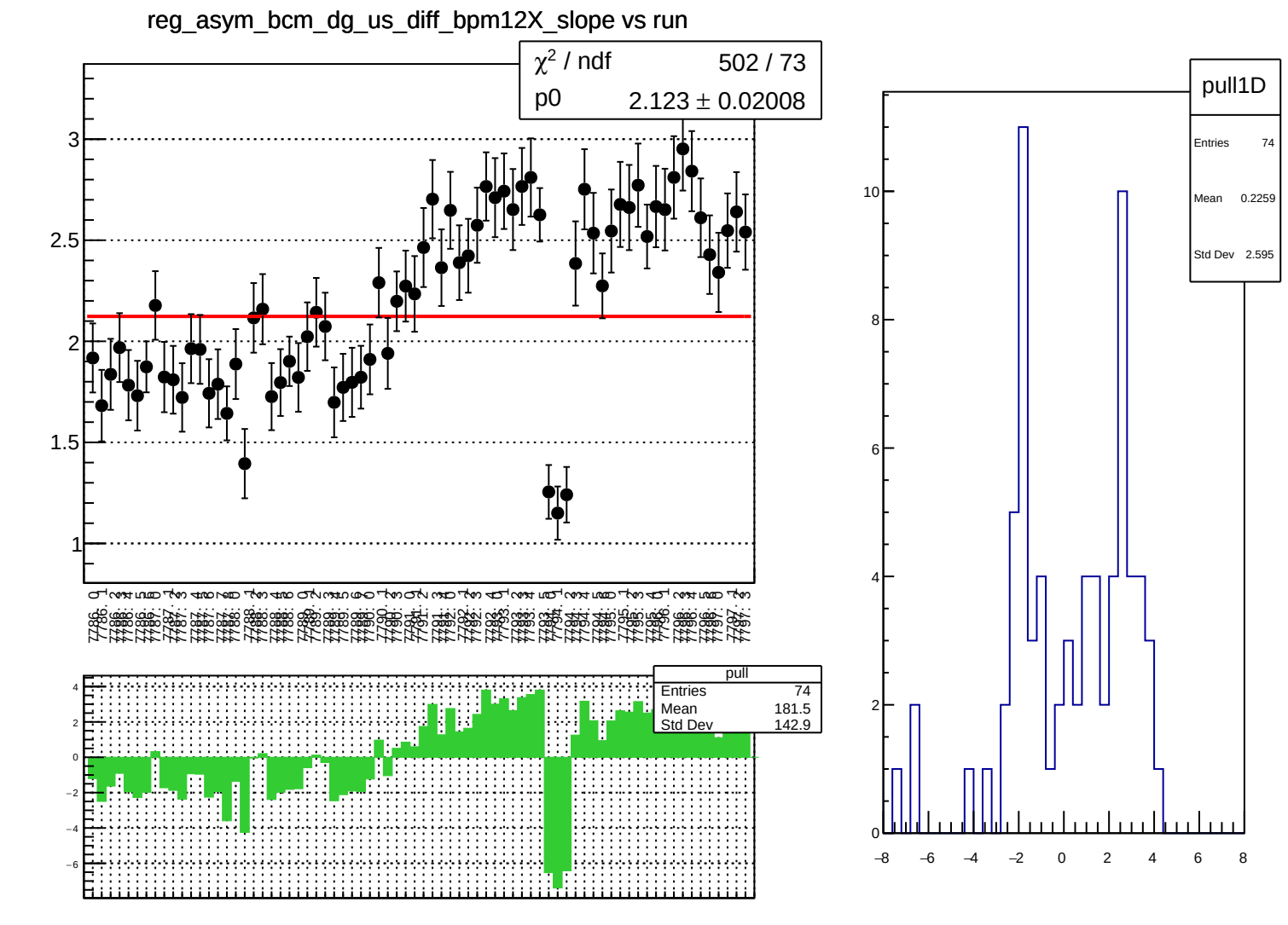

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs run
χ² / ndf 140.6 / 73
p0 −27.45 ± 0.5713
pull
Entries 74
Mean 193
Std Dev 157


pull1D
Entries 74
Mean −0.09205
Std Dev 1.375


reg_asym_bcm_dg_us_diff_bpm4eX_slope vs run
χ² / ndf 855.6 / 73
p0 −76.24 ± 0.4899
pull
Entries 74
Mean 173.3
Std Dev 135.2


pull1D
Entries 74
Mean −0.714
Std Dev 2.575


reg_asym_bcm_dg_us_diff_bpm4eY_slope vs run
χ² / ndf 123.1 / 73
p0 28.82 ± 0.6472
pull
Entries 74
Mean 203.7
Std Dev 167.6
pull1D
Entries 74
Mean 0.08405
Std Dev 1.287


reg_asym_bcm_dg_us_diff_bpm12X_slope vs run
χ² / ndf 502 / 73
p0 2.123 ± 0.02008
pull
Entries 74
Mean 181.5
Std Dev 142.9
pull1D
Entries 74
Mean 0.2259
Std Dev 2.595